



Affidavit of RICHARD HOARE

In Re Application of: Keith Hensel
US Application Number: 10/562,025
Filing Date: 22 December 2005
Title: Juicer
Group Art Unit: 3742
Examiner: Sang Yeop PAIK
Attorney Docket No: BRE0308U

I, RICHARD HOARE of 3 Avian Crescent Lane Cove NSW Australia, industrial designer, do solemnly and sincerely declare as follows:

[001] Since 2002 I have been employed by Breville Pty Limited (Breville) as Director of Design and Innovation, and am responsible for Breville designs globally. I am also currently a member of the Breville Group Limited Executive Committee. Breville is an Australian-based consumer and household appliance company. It has a strong focus on design and innovation, and over the past few decades it has achieved considerable success with the sale of its products both in Australia and internationally. Breville is the assignee of United States Patent Application No. 10/562,025 (the Pending Application).

BACKGROUND AND EXPERIENCE

[002] I hold a Bachelor of Industrial Design from the South Australian College of Advanced Education (now the University of South Australia). I completed my degree in 1987. Since completing my degree, I have worked in Australia as an industrial designer for over 22 years, with a particular focus on small consumer appliances.

[003] In my role as the Design and Innovation Director, I am responsible for the Industrial Design and Innovation team within Breville, which presently includes fifteen industrial designers and four model makers. I need to have a thorough understanding of the national and international small appliances markets including an understanding of consumer trends, design trends and innovations and the features of competitors' products, both internationally and regionally.

[004] I estimate that I have been involved in the development of more than 260 small consumer appliances across the spectrum of product development from "ground up" development through "facelift" development to "badge engineering".

[005] Under my guidance, teams under my direction have won over 50 design awards internationally.

[006] I am familiar with United States Patent Application No. 10/562,025 (The Pending Application). In particular, I am aware of the previously amended claim set of this pending application, filed 24 June 2009. A copy of the claim set (as amended) is exhibited to this Affidavit as **Exhibit RH-01**.

[007] I present the following objective evidence of non-obviousness in regard to the claimed invention of United States Patent Application No. 10/562,025. The invention commenced reduction to practice in or about the First Quarter of 2002. Considerable development, design and engineering was required to reach a suitable commercial solution. The appearance of the design was essentially the same as that shown in the figures of the Pending application.

THE CLAIMED INVENTION

[008] The Juicer includes the following two features, which I submit have been important to the success of the proposed product:

- (a) a polymeric cap, in which is formed an opening for accommodating a *metal feed tube* attached thereto; and
- (b) the metal feed tube having a circumferential flange that is affixed to the cap, and a gasket being interposed between the flange and the cap.

[009] Copies of design/concept drawings and photographs in respect of prototype Juicer dated from March 2002, taken from Breville's records, are exhibited to this Affidavit as **Exhibit RH-02**. Exhibit RH-02 displays a selection of images taken throughout the design/development phase from March 2002 to June 2004. Figure RH-02A being a CAD modelled concept for an SS feedtube in a diecast lid developed March 2002. RH-02F being a prototype of the concept shown in RH-02A made in May-June 2002. Further required design/development is evidenced by figures RH-02A through RH-02Z.

[010] Work on optimisation of the design continued, and on 2 July 2003, a provisional patent application was filed in relation to the design, being Australian Provisional Patent Application No 2003903367 (the provisional application).

[011] I am not aware of any other Juicer that was on the market before the priority date which provided either (a) a polymeric cap with a *metal feed tube* or (b) a metal feed tube having a circumferential flange that is affixed to the cap (with a gasket being interposed between the flange and the cap) – or the advantageous outcome derived from their combination. I regarded the first of the above features, and the combination of the two features in particular (as claimed in the Pending Application), as being inventive within the field of Juicer design.

[012] A Juicer incorporating the invention was launched commercially in Australia in 2003. As discussed below, the Juicer – based on strong consumer demand for the above features (as claimed in the Pending Application) –has enjoyed considerable success in the marketplace since the time of its launch.

COMMERCIAL SUCCESS

[013] The invention comprising a Juicer having a metal feed tube as claimed in the pending claims has led to the development of a range of Juicers. A copies of advertising material showing photographs of a consumer Juicer supplied to the United States and Australian Market in 2010 are exhibited to this Affidavit as **Exhibit RH-03**.

[014] Tables displaying shipping records for each of Juicers comprising a metal feed tube (BJE500, BJE510, BJE520, BJE820, BJE840 and 800JE) are exhibited to this Affidavit as **Exhibit RH-04**. These records show that in excess of 600,000 units have been shipped to date. It should be noted that the retail value proportion of these Juicer (compared to Breville Juicers sold without metal feed tubes) sold since 2007 being comparable (estimated at - \$AU229,076,886 for juicers with a metal feed tube - and \$AU275,355,231 for juicers without a metal feed tube) - despite the cost range for these Juicers being set relatively higher.

LONG FELT BUT UNRESOLVED NEED

[015] Breville had previously developed an juicer known as the JE90 and described by United States patent US5,479,851 (and corresponding patents worldwide).

[016] An advantage of this juicer was that it allowed users to extract the juice from whole apples and other fruit and vegetables without the need to cut them up. The reason for this was the development of a feed tube large enough to accept fruit up to a diameter of 75mm. The juicer also had a transparent plastic lid so it is possible to see the fruit pulp as the juice is extracted. This is useful especially in case there is any backing up or blockage of the fruit pulp during the process. The visibility through the clear lid allows you to monitor the pulp and if necessary stop the machine and clear a blockage before it inhibits performance.

[017] To achieve a feed chute of this diameter several problems had to be solved as described in United States patent US5,479,851. One such problem was the issue of whole fruit being inserted into a large feed tube and coming into contact with sharp serrated cutting blades travelling at about 14,000rpm which would cause the fruit to

tumble and spin resulting in excessive vibration and noise. A solution was to introduce a triangular knife attached to one side of the inside of the feed tube at the lower or cutter end of the feed tube. This knife cuts into the fruit as it is being pushed into the feed chute and thereby stops it from rotating as it is shredded by the cutter disk.

[018] The original design of the triangular blade was moulded as part of the feed chute in a plastic polycarbonate material. Polycarbonate is a clear engineering polymer with excellent strength and impact properties considered suitable for this kind of application.

CUSTOMER REVIEWS

[019] After 3 years producing the JE90 juicer, a feedback trend was showing that the triangular knife in the feed tube was cracking or breaking during use. We found that, while this was not happening in domestic units, Commercial juice bars were using the Breville JE90 juicer instead of the large die-cast commercial units because of the high juice yield.

[020] Our initial understanding was that the lid was breaking due to the high amounts of acidic citrus juice used (the caustic solutions used to clean the product at the end of each day) combined with being repeatedly subjected to high temperature dishwashers, resulting in the lid polymer to be degraded over time.

[021] The lids that had the knife integrally moulded were being made from polycarbonate. The sideways loading on the knife required that we use a high impact plastic such as polycarbonate, but the disadvantage was that polycarbonate is more susceptible to attack from detergents.

[022] Copies of test result photos of a polycarbonate juicer lid from a 6 week dishwasher testing performed around the 2002, are exhibited to this Affidavit as **Exhibit RH-05**. The photos show stress cracking on the knife and feedtube base rim.

[023] It will be appreciated that a broken knife causes vibration and customer concern. A spinning apple can be ejected from the top of the feed chute before the pusher is

inserted. There is also the potential for the broken plastic part to be ground up in the juicer and ingested.

[024] A copy of an internal change notice dated 11 March 2003, which specifies a change on the lid tooling to strengthen the knife by adding radiuses to avoid the incidence of breakage, is exhibited to this Affidavit as **Exhibit RH-06**.

[025] It will be appreciated that the plastic knife had conflicting requirements of:

- Withstanding the sideways forces applied by the spinning disc, requiring it to have a thick wall section of approximately 3mm, and
- Being sharp enough to allow hard fruits such as an apple, carrot or beetroot to be pushed through it, wherein the thick wall section dramatically increased the force required to push the fruit past the knife.

[026] At about this time, we began to develop a semi commercial high performance juicer designed for heavy duty domestic use. A copy of an internal memo, highlighting the need for a more commercial model from the Breville Company chairman, is exhibited to this Affidavit as **Exhibit RH-07**. It is noted that the last paragraph highlights a need to strengthen the knife if the juicer is to be used commercially, with a recommendation that we make it Stainless steel. We set about looking at ways to solve the issue of the knife breaking, even in heavy duty use, *while retaining the ability to see into the lid to monitor the fruit pulp*.

DEVELOPMENT AND DISCOVERY

[027] Proof of concepts:- In 2001 we developed and tooled up a more commercial style die-cast juicer (JE200) base with a large Italian universal motor. The motor was approximately twice the size as our previous juicers. It had a Stainless steel juice collector with integrated stainless spout. It had more sophisticated electronics with motor speed sensing. It still had a plastic lid with integrated plastic knife, but was never offered for sale.

[028] The off-tool samples of the JE200 juicer were provided to a Sydney Juice Bar in early 2002. Copy of an photographs taken July 2002, show the JE200 with the



diecast base, stainless steel juice collector and plastic lid, is exhibited to this Affidavit as **Exhibit RH-08**.

[029] Initial feedback/comments provided by the Sydney Juice Bar, advising that After 5 months of use it was found that the knife inside the plastic feedtube started to break off (referred to by last paragraph of Exhibit RH-07), is exhibited to this Affidavit as **Exhibit RH-09**.

[030] During engineering development and testing, we were initially directly lead to considering a stainless steel feedtube embedded into a diecast aluminium or zinc lid, as exhibited in Exhibit RH-02. However, this was quoted for manufacture and found that costs were prohibitive. It also presented the major disadvantage that the user could not see if there was a blockage in the lid, or if the pulp container was full.

[031] In August 2002 we invented a *Juicer having a plastic lid with a stainless steel feedtube with a knife welded to the side of the feedtube*, which is exhibited in Exhibit RH-02. We developed an external flange welded to the Stainless steel feedtube at the position that the feedtube passed through the plastic lid. It was proposed that the feedtube would be held in position by clamping down this flange with a plastic ring assembled from above, and ultrasonically welded to the plastic lid.

[032] Concept designs and prototypes were developed in 2002, as exhibited in **Exhibit RH-10**, as shown in figure RH-10A, including an aluminium feedtube mock-up with a welded knife riveted in place. Prototype seals were cast. When the prototype was tested, it was found that a finer Stainless steel knife provided an advantage by allowing the fruit to be pushed through relatively easily, when compared to thick wall section necessary on a plastic knife. As an additional advantage, the thin steel knife also enabled the upper edge surface to be sharpened. It was considered that a steel knife attached to a plastic feedtube would generate too much stress at the attachment point, particularly with the chemical attack from detergents and fruit acids.

[033] A stainless steel feedtube was used, enabling the knife to be welded to the side of the tube. After several prototypes it was resolved that the knife protrude through a

aperture in the feed tube and the knife then welded from the outside (preferably before being polished).

[034] After testing this initial prototype, as shown in figure RH-10B of Exhibit RH-10, we found the method of attaching this Stainless steel feedtube to the plastic lid was insufficient, wherein the ultrasonic weld would likely break during use or if the lid was dropped.

[035] A further prototype, as shown in figure RH-10C of Exhibit RH-10 dated August 2002, attached the stainless steel flange directly to the lid using screws. A disadvantage of this method is that each screws would place distinct stress points on the lid moulding, and over time would eventually cause cracking, particularly with the combination of daily dishwashing.

[036] A subsequent design concept and prototype uses a nylon clamping ring, and a silicone seal combination to evenly distribute the clamp pressure, as exhibited in **Exhibit RH-11**. Prototypes were again made and the solution verified. The geometry of this solution was refined so that there was no direct contact between the screw thread and the plastic lid. The silicone seal design was further refined to allow for manufacturing variations in the size of the Stainless steel feedtube. The nylon clamping ring design was refined to provide a more vertical profile to prevent distortion of the ring between the 3 screws. Another issue overcome by this solution was the prevention of food increase into the seal which would cause odour and hygiene problems. The detail CAD section view in Exhibit RH-11 shows the refinement of the solution.

[037] Company orders and invoices for the prototypes made August through December 2002 are exhibited in **Exhibit RH-12**. The details of these parts were refined over the next few months to ensure the geometry could cope with the manufacturing tolerances of different size stainless steel tubes. A small lip added to the seal to take up these tolerances, for example as shown in Exhibit RH-02 by figure identified as RH-02V "2003/07/06 10:14:26 JE200-seal-mod".

[038] The tooling was released for these new parts, and patents were lodged in July 2003. We then offered some initial production samples of the 800JE juicer

into Juice bars across Sydney. The next month in August 2003 we had our first feedback report from a juice bar (Go-Man-Go) using the new juicer was extremely positive, as exhibited in **Exhibit RH-13**.

[039] The 800JE was then offered for mainstream retail sale, with the first shipment from Hong Kong in Oct 2003.

[040] The commercial locations in Sydney where the juicers were being used and tested in January 2004 are exhibited in **Exhibit RH-14**.

[041] Images depicting the extent of wear and tear subjected to the juicers in commercial use is exhibited in **Exhibit RH-15** (April 2005). These images show juicers that have been used for six months in a high volume juice bar in Bondi, Sydney. A feed tube knife break has not been observed since the metal feedtube and knife was implemented.

[042] As demonstrated by the extent of development required before embodying the invention, I submit that the claimed invention of the pending application would have been non-obvious to a person skilled in the art, as at the priority date.

COMMERCIAL COPYING AND ACQUIESCENCE

[043] Patent infringement of a corresponding Australian Patent AU 2004253180 (claims priority from AU 2003903367) was alleged against Sunbeam in 2009, in respect of the Sunbeam Cafe Series Juicers (JE8600 and JE8600R). A photograph of the Sunbeam Cafe Series JE8600 is exhibited in **Exhibit RH-16**.

[044] Claim 4 of the Australian patent defines feature substantially conforming to Claim 1 of the present United States application. Copies of the Australian Patent granted claims is exhibited in **Exhibit RH-17**.

[045] The Sunbeam Cafe Series Juicers have a metal feed tube, and if sold in the United States, would infringe claim 1 of the present application.

[046] These Sunbeam Cafe Series Juicers were withdrawn from the Australian market on the basis of alleged infringement of Australian patent AU 2004253180.

[047] While the communications regarding the infringement of the Australian patent are confidential, Sunbeam Corporation Limited confirmed the cessation of the sale of the Sunbeam Juicers (JE8600 and JE8600R) as at 18 August 2009, and made undertakings not to market or sell the Sunbeam Juicers in the future.

CLOSING COMMENTS

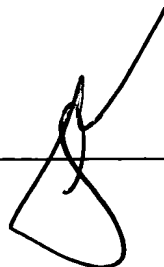
[048] I am not aware of any other Juicer that existed on the market at the priority date of United States Patent Application No. 10/562,025 (the Pending Application), which provided the advantageous outcome provided by the inclusion and assembly of a metal feed tube.

[049] The combination of these features provide an advantageous, safe and robust operation of a Juicer.

[050] In my opinion, and based on my experience as an industrial designer in the area of small consumer appliances, the success of the Juicer and the attempts by other suppliers to imitate it as described above are due in large part to the features of the product. In particular, in my opinion, the combined features of metal feed tube and assembly contributed substantially to the success of the product and attempts by others to imitate it.

[051] In the light of the commercial success of the Juicer having the features of the presently claimed invention, and subsequent copying by competitors indicates the non-obviousness of the presently claimed invention.

[052] I therefore submit that in the light of the above objective evidence - showing development concepts and commercial success - that the claimed invention of the pending application would be non-obvious to a person skilled in the art, as at the priority date. Subsequent commercial copying and acquiescence also supports that the claimed invention of the pending application was not obvious to a person skilled in the art.



US Application Number 10/562,025 (Our Ref BRE0308U)

Dated: Sydney, NSW, Australia

27 January 2011

Richard Hoare

Richard Hoare

c-/ Breville Pty Limited

Building 2, Port Air Industrial Estate

1A Hale Street, Botany, NSW, 2019

Australia

Subscribed and sworn to before me

Notary Public

JOHN S. ZOURCUDIS
PUBLIC NOTARY
27 JAN 2011
169 MAROUBRA ROAD
MAROUBRA NSW AUSTRALIA 2035

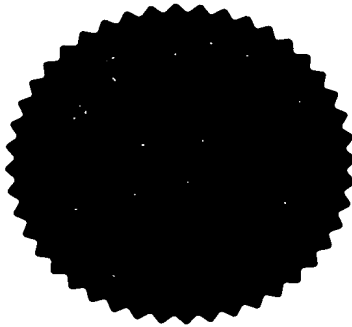
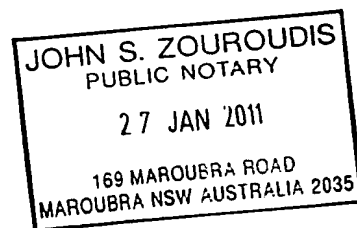


EXHIBIT RH-01

The attached is Exhibit "**RH-01**" referred to in Paragraph [006] of the Affidavit of **Richard Hoare**.

Richard Hoare

[Signature]



[Signature]

Richard Hoare

What is claimed is:

What is claimed is:

1.-20. (Cancelled)

21. (Currently Amended) A lid for an electric juicing device, the lid comprising:
a polymeric cap in which is formed an opening;
the opening accommodating and having attached to it, a metal feed tube;
the feed tube having a circumferential flange that is affixed to the cap
a gasket being interposed between the flange and the cap;
the gasket further comprising a neck and a surrounding ring, the neck sealing
between the feed tube and a vertical rim of the cap.

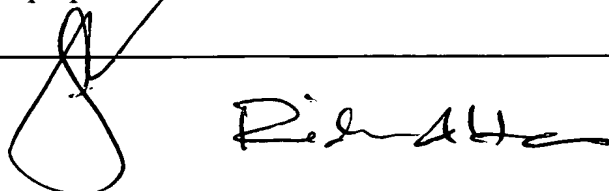
22. (Previously Presented) The lid of claim 21, wherein:
an interior of the feed tube has attached to it a metal knife.

23. -25. (Cancelled)

26. (Currently Amended) The lid of claim 21, wherein:
fasteners extend through the flange into a retaining ring which is located adjacent to an
under side of the cap.

27. (Currently Amended) The lid of claim 21, wherein:
fasteners extend through the flange and the surrounding ring of the gasket and
through the cap into a retaining ring which is located adjacent to an under side
of the cap.

28. (Currently Amended) The lid of claim 21, wherein:
the cap has an undersurface that forms a smooth and continuous surface that
extends from above a juice collection area to a pulp exit area of the cap, the lid
acting to divert pulp to a pulp collector.

A handwritten signature, possibly 'R. J. Allen', is written in black ink below a horizontal line. To the left of the signature is a large, stylized, handwritten mark that resembles a large 'A' or a loop.

29. (Previously Presented) The lid of claim 21, wherein:

the cap has a descending rim that cooperates with a juice stopping rim of a juice collector;

an angle between an outer surface of the descending rim and an inner surface of the juice stopping rim creating a tapered gap that is most narrow at the bottom.

30. - 36. (Cancelled)

37. (Currently Amended) The juicing device of claim 21, wherein:

an upper surface of the cap further comprises at least one cam surface and detent for receiving a locking bar.

38. - 40 (Cancelled)

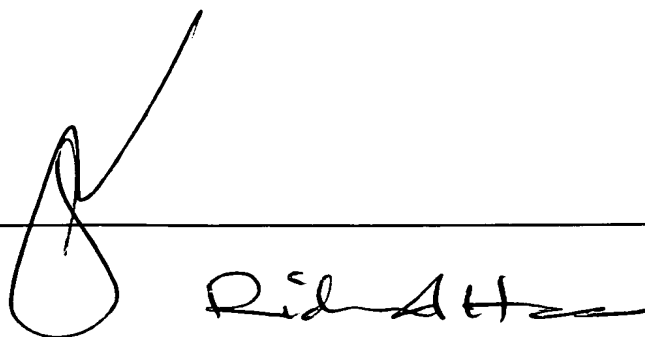
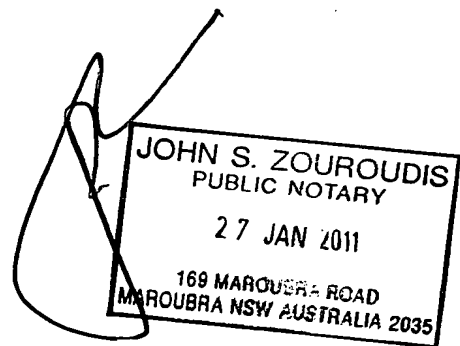
A handwritten signature in black ink, appearing to read "Richard", is written below a horizontal line. The signature is stylized with a large, looped initial "R" and a checkmark-like flourish above it.

EXHIBIT RH-02

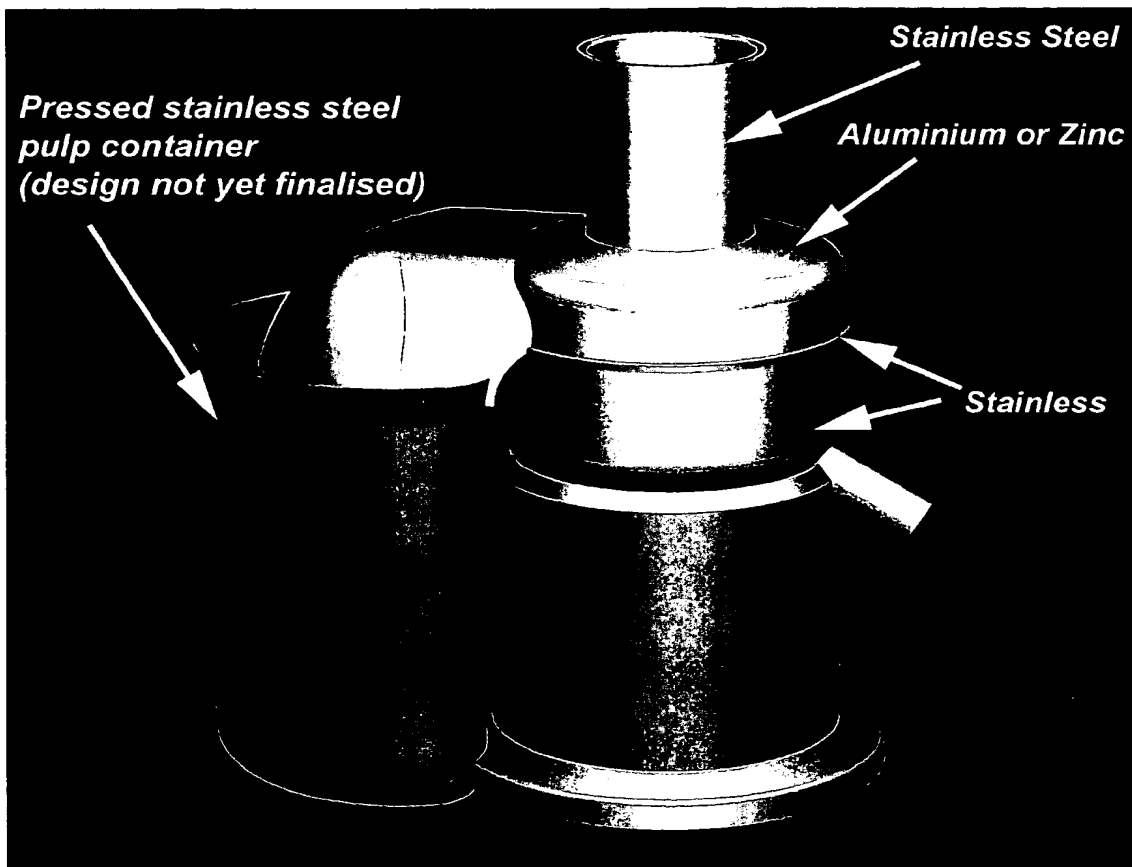
The attached is Exhibit "**RH-02**" referred to in Paragraph [009] of the Affidavit of **Richard Hoare**.

Richard Hoare



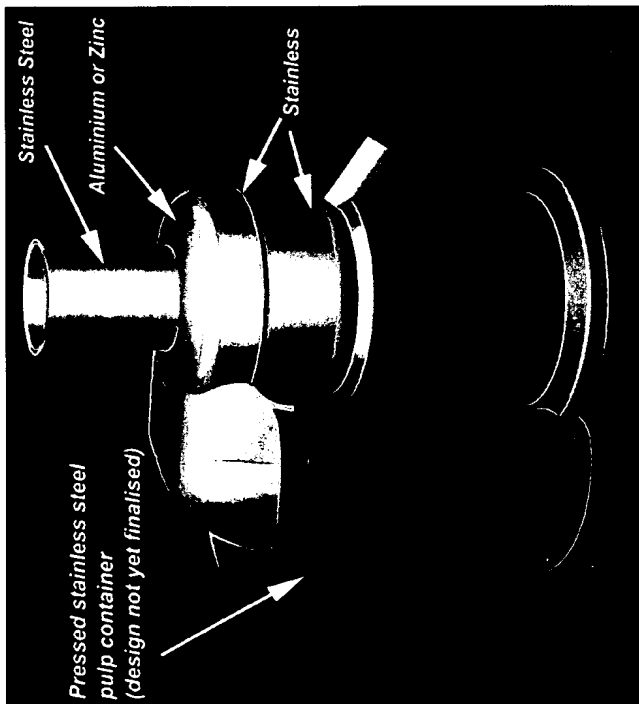
A handwritten signature of Richard Hoare, written over a horizontal line.

Richard Hoare



March 2002
RH-02A

RH-02A



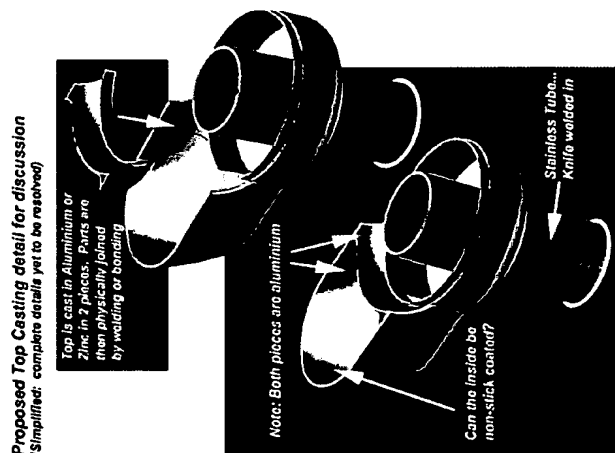
RH-02C

2002/03/25 16:56:23 3-pulp container



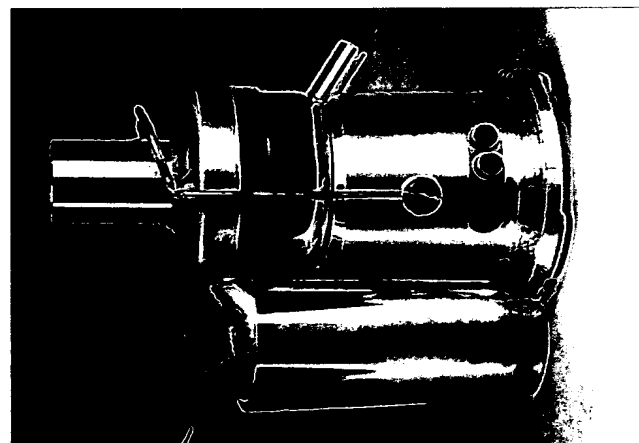
2002/07/01 14:52:14 Juicebar testing-01

RH-02E



RH-02B

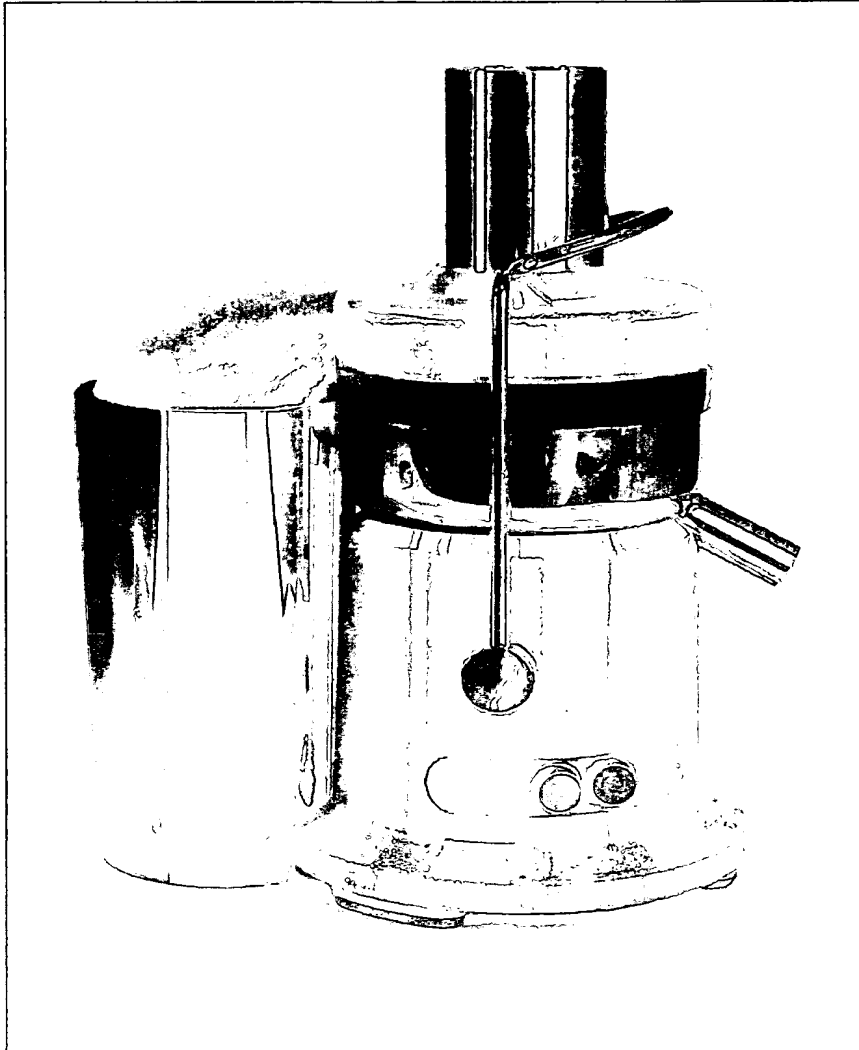
2002/03/25 16:34:53 1-top-casting-UGmodel



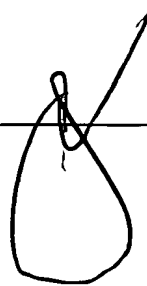
2002/05/15 18:29:50 JE200-mock-up

RH-02D

Handwritten signature and scribble.



June 2002
RH-02F

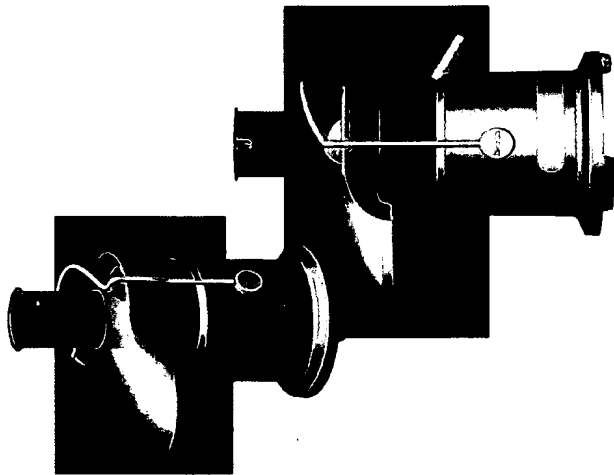


Dal AH



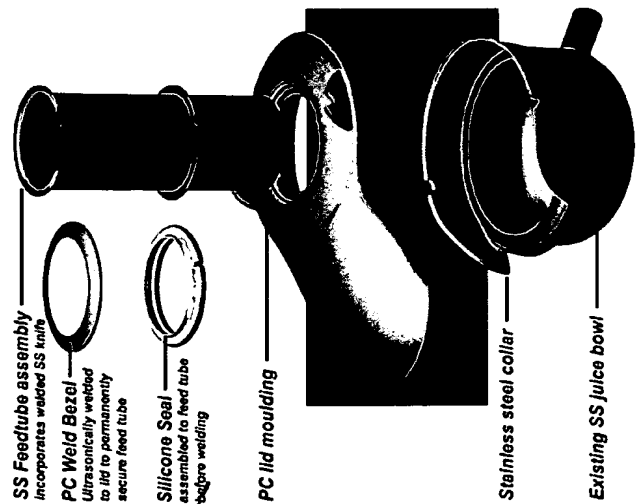
RH-02G

2002/07/01 14:52:33 Juicebartesting-05



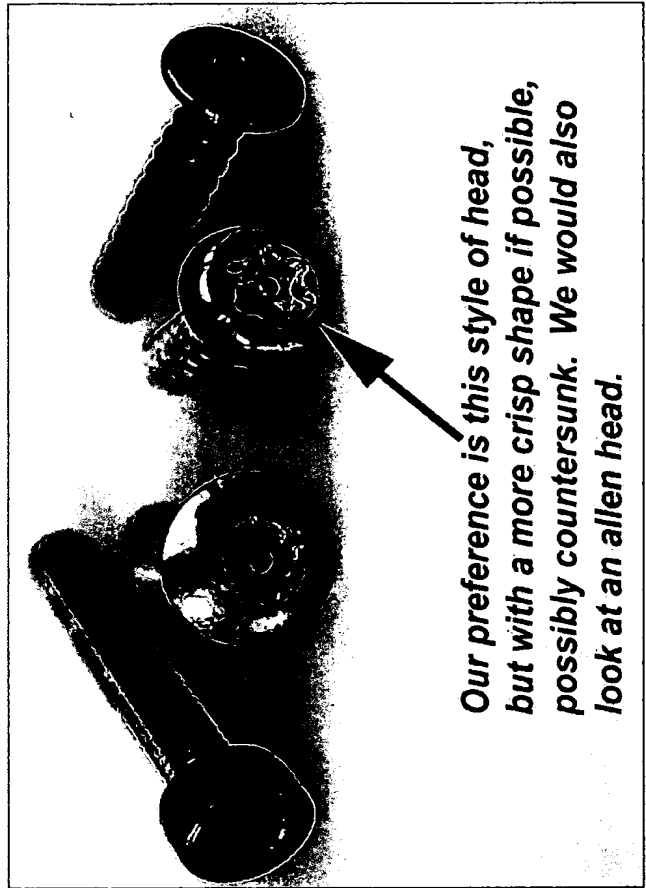
RH-02H

2002/08/05 13:30:47 JE200



RH-02J

2002/08/13 17:19:02 Part-explanation



RH-02I

Our preference is this style of head, but with a more crisp shape if possible, possibly countersunk. We would also look at an allen head.

2002/11/22 11:50:51 Screws

[Handwritten signature]

[Handwritten signature]

SS Feedtube assembly —
incorporates welded SS knife

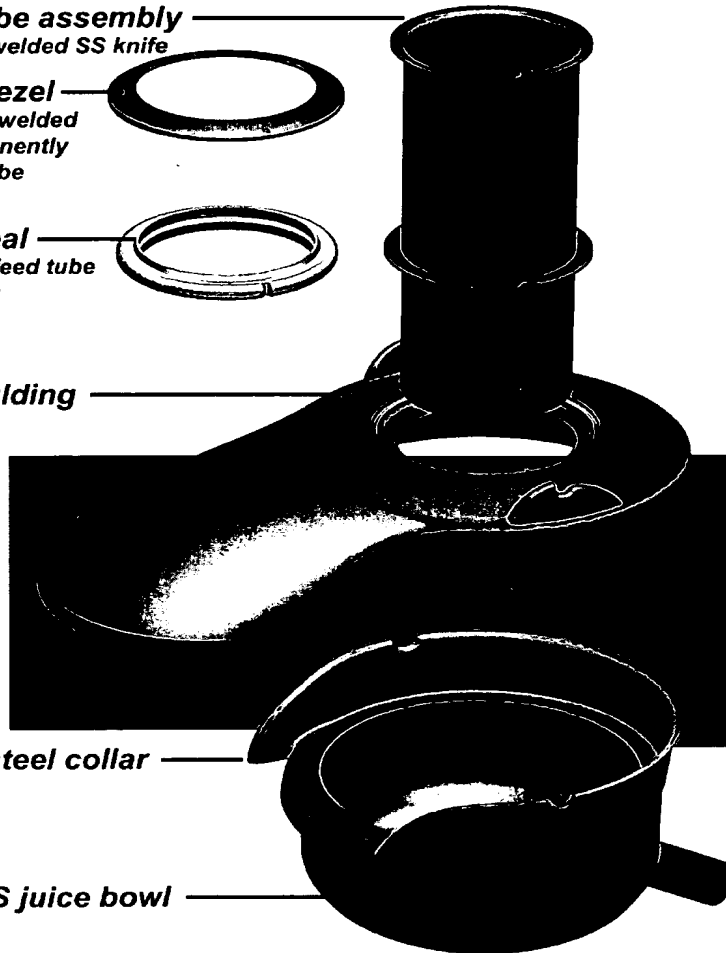
PC Weld Bezel —
*Ultrasonically welded
to lid to permanently
secure feed tube*

Silicone Seal —
*assembled to feed tube
before welding*

PC lid moulding —

Stainless steel collar —

Existing SS juice bowl —



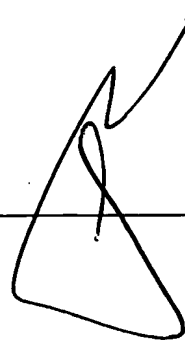
August 2002
RH-02K

A handwritten signature, possibly reading "D. L. H.", is written in black ink below the horizontal line.

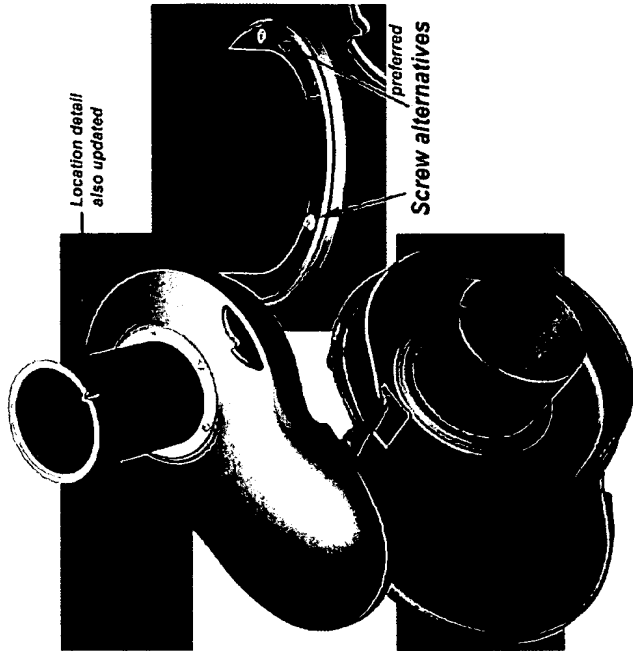
D. L. H.



August 2002
RH-02L

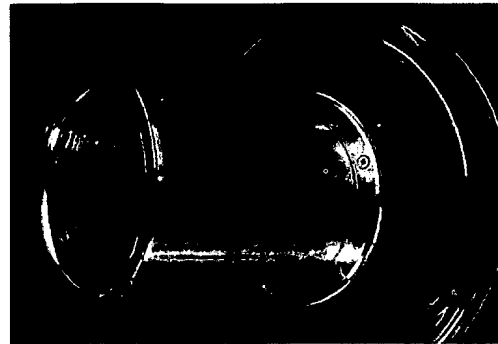


Ed Allen



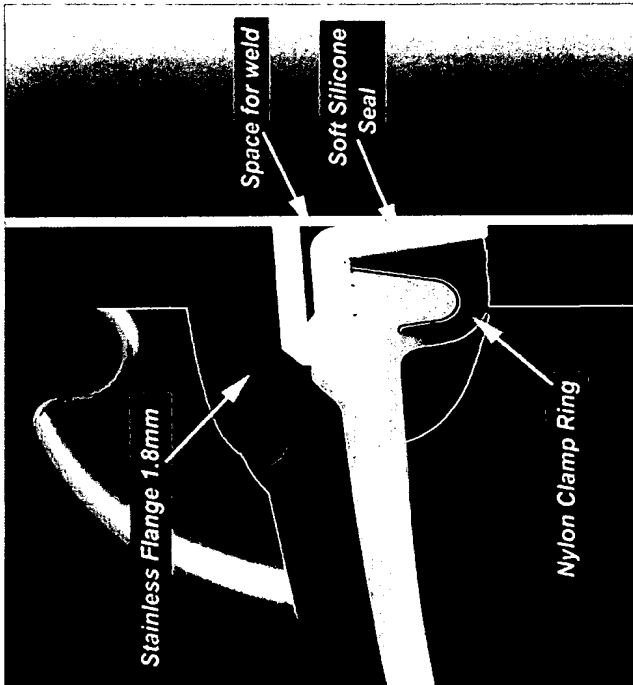
RH-02N

2002/11/22 12:25:17 assembled views



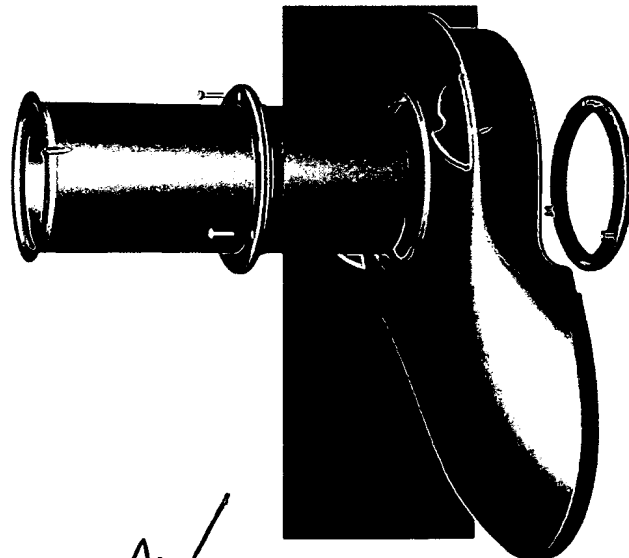
RH-02P

2002/11/26 11:41:43 feedtube mock-up



RH-02M

2002/11/22 12:11:24 feedtube section

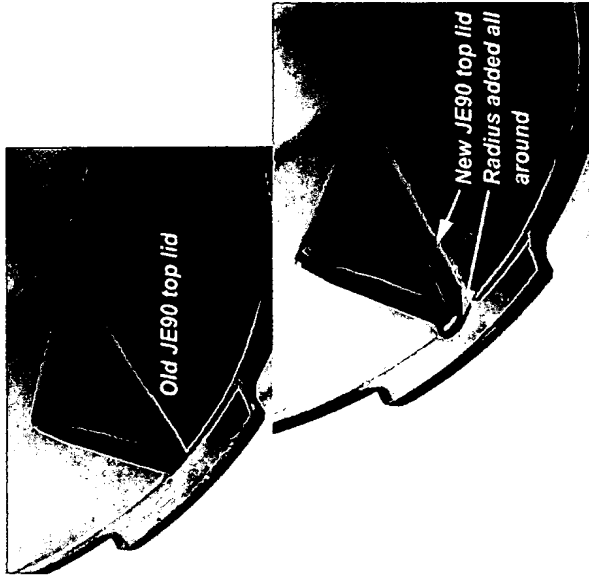


RH-02O

2002/11/22 12:27:51 feedtube explode

[Handwritten signature]

[Handwritten signature]



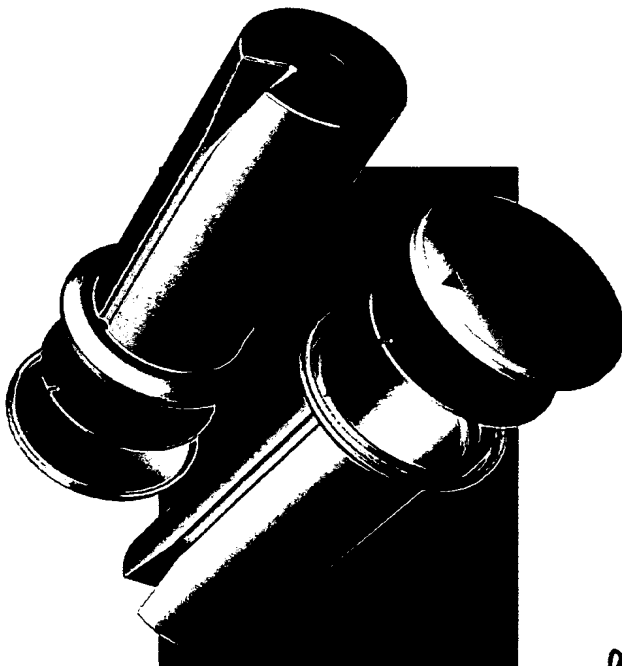
RH-02R

2003/03/11 08:49:12 knife-radius



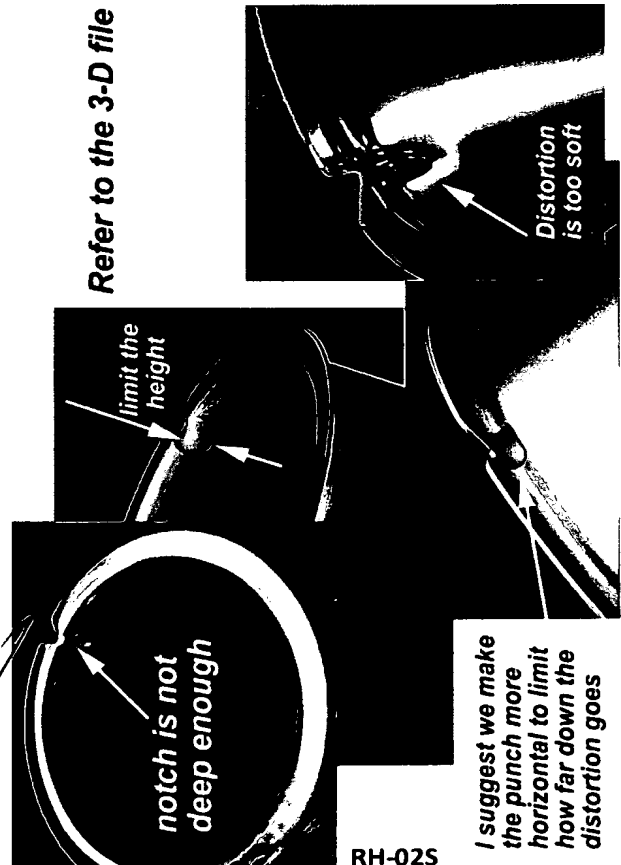
RH-02T

2003/05/21 18:23:00 feedtube_gaps



RH-02Q

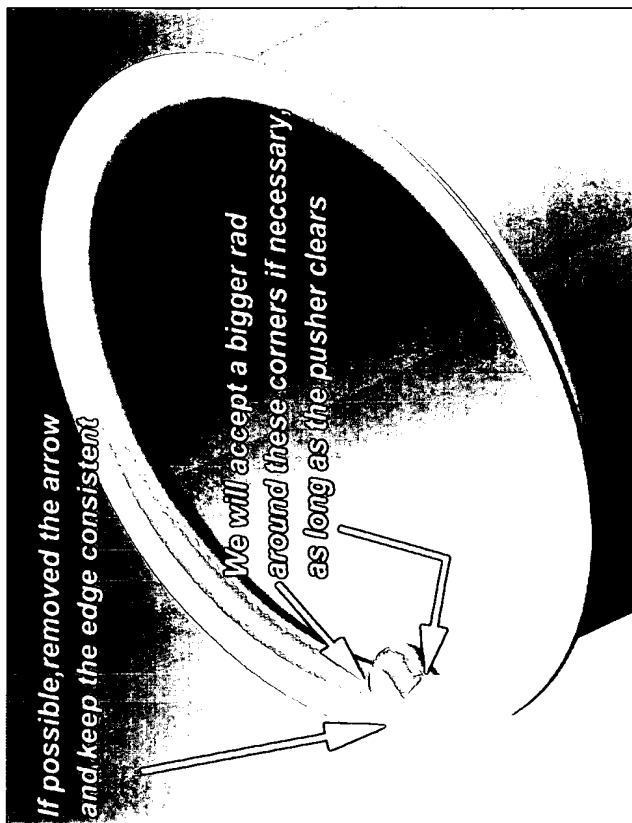
2002/12/18 15:33:39 JE200 Pusher



RH-02S

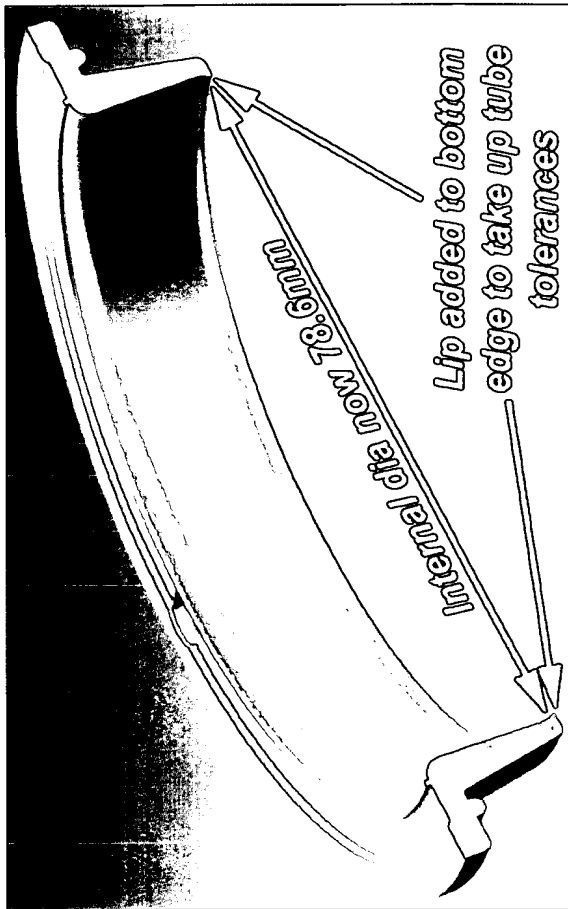
2003/05/21 17:43:11 feedtube notch

Did it



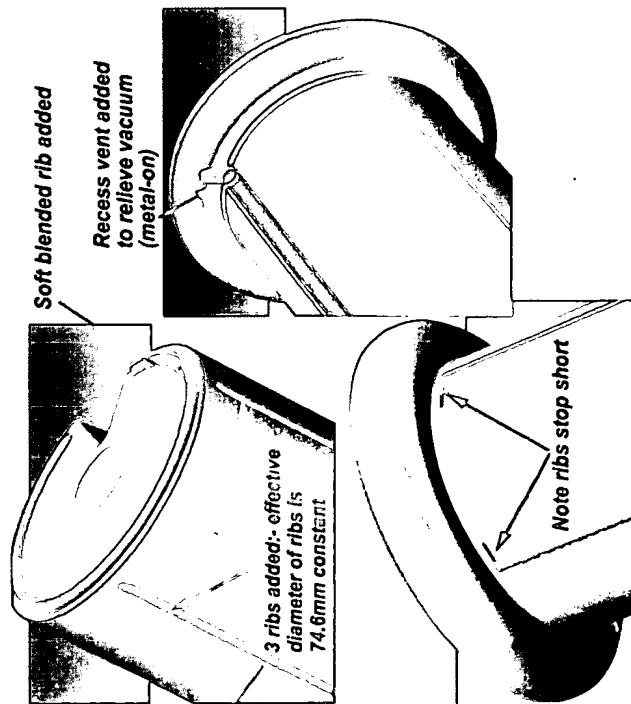
RH-02U

2003/05/22 10:13:05 feedtube notch2



RH-02V

2003/07/08 10:14:26 JE200-seal-mod



RH-02W

2003/07/09 09:16:39 Pusher-mods



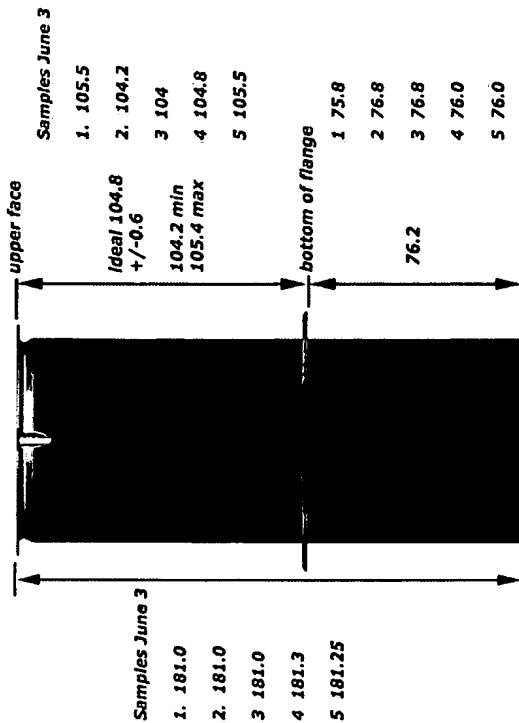
RH-02X

2003/10/03 18:29:36 Feedtube_02

Red Hat

Samples June 3: Internal diameter:
 All samples are undersize and too tight on pusher

1. 74.3 2. 74.4 3. 74.5 4. 74.2 5. 74.5



RH-02Y

2004/06/04 11:37:05 feedtube samples june3



Pitting marks on flange,
in weld and around arrow

2004/06/04 11:55:08 pitting marks1

[Handwritten signature]

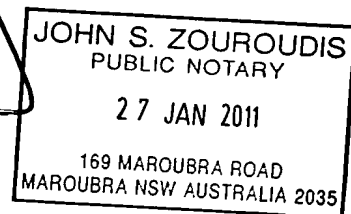
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EXHIBIT RH-03

The attached is Exhibit "**RH-03**" referred to in Paragraph [013] of the Affidavit of **Richard Hoare**.

Richard Hoare

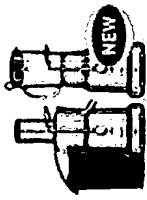

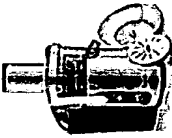

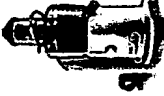

[Signature]



[Signature]

Richard Hoare

Australian Juicer assortment Jan 2011

					
<p>the Juice & Blend™ BJB840</p> <p>RRP \$529.95 Breville's best juicer and blender, sharing one interchangeable base</p>	<p>Professional 800 Collection® Dual Disc Juice Processor BJE820</p> <p>RRP \$449.95 This commercial grade juicer with its revolutionary second disc can juice soft fruits like bananas, mangoes and strawberries to make a delicious froojie™ - 100% fruit juice smoothie.</p>	<p>ikon™ Froojie™ Juice Fountain® BJE520</p> <p>RRP \$299.95 This revolutionary juicer with its unique second disc can juice soft fruits like bananas, mangoes and strawberries to make a delicious froojie™ - 100% fruit juice smoothie.</p>	<p>Juice Fountain™ Plus BJE410</p> <p>RRP \$229.95 Heavy duty 1250 watt motor now available with an extra wide 84mm feed chute</p>	<p>Juice Fountain™ Plus JE95</p> <p>RRP \$199.95 Powerful 1200 watt motor designed to juice quickly and efficiently.</p>	<p>Juice Fountain™ BJE200</p> <p>RRP \$169.95 Fast and efficient performance in a convenient, compact design</p>

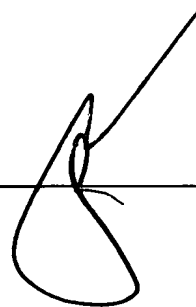




EXHIBIT RH-04

The attached is Exhibit "**RH-04**" referred to in Paragraph [014] of the Affidavit of **Richard Hoare**.

Richard Hoare



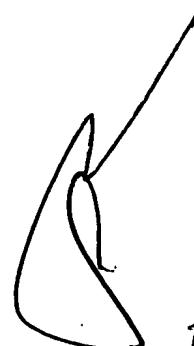
JOHN S. ZOUROUDIS PUBLIC NOTARY 27 JAN 2011 169 MAROUBRA ROAD MAROUBRA NSW AUSTRALIA 2035



Richard Hoare

Years

Juicers	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL UNITS
JE90	0	0	10,000	89,040	105,743	193,800	198,233	122,234	74,039	33,859	16,322	14,919	26,175	34,184	918,548
JE95	0	0	0	0	0	0	112,364	206,185	206,704	136,788	144,131	196,191	110,794	85,218	1,198,375
JE70	0	0	0	0	0	0	0	34,012	17,776	5,958	6,000	3,580	7,200	3,600	78,126
BJE400	0	0	0	0	0	0	0	0	15,860	56,031	96,163	46,348	4,832	40,964	260,198
BJE410	0	0	0	0	0	0	0	0	0	0	0	25,500	47,855	36,524	109,879
BJE500	0	0	0	0	0	0	0	0	0	6,898	21,929	33,864	10,248	8,399	81,338
BJE510	0	0	0	0	0	0	0	0	0	0	53,436	63,886	38,328	72,099	227,749
BJE520	0	0	0	0	0	0	0	0	0	0	0	0	13,367	15,553	28,920
BJE200	0	0	0	0	0	0	0	0	28,168	100,552	72,234	54,341	62,198	90,123	407,616
BJE200C	0	0	0	0	0	0	0	0	0	13,148	45,597	30,860	6,060	31,853	127,518
800JE	0	0	0	0	0	0	4,919	12,364	57,553	88,521	72,762	100,847	28,217	50,937	416,120
BJE820	0	0	0	0	0	0	0	0	0	0	0	12,434	11,091	22,197	45,722
BJB840	0	0	0	0	0	0	0	0	0	0	0	0	0	8,190	8,190
JE98XL	0	0	0	0	0	0	0	0	0	0	0	0	0	60,874	60,874
TOTAL	-	-	10,000	89,040	105,743	193,800	315,516	374,795	400,100	441,755	528,574	582,770	366,365	560,715	3,969,173



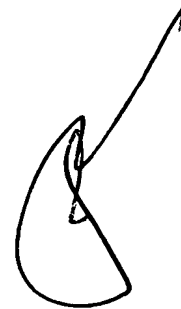
Ridha H

Last 4 years of juicer sales world wide

Juicers	total plastic feedtube	total metal feedtube
JE90	918,548	
JE95	1,198,375	
JE70	78,126	
BJE400	260,198	
BJE410	109,879	
BJE500		81,338
BJE510		227,749
BJE520		28,920
BJE200	407,616	
BJE200C	127,518	
800JE		416,120
BJE820		45,722
BJB840		8,190
JE98XL		
TOTAL	3,100,260	808,039

	2007	2008	2009	2010	TOTAL
	16,322	14,919	26,175	34,184	91,600
	144,131	196,191	110,794	85,218	536,334
	6,000	3,580	7,200	3,600	20,380
	96,163	46,348	4,832	40,964	188,307
	0	25,500	47,855	36,524	109,879
	21,929	33,864	10,248	8,399	74,440
	53,436	63,886	38,328	72,099	227,749
	0	0	13,367	15,553	28,920
	72,234	54,341	62,198	90,123	278,896
	45,597	30,860	6,060	31,853	114,370
	72,762	100,847	28,217	50,937	252,763
	0	12,434	11,091	22,197	45,722
	0	0	0	8,190	8,190
	0	0	0	60,874	60,874
TOTAL	528,574	582,770	366,365	560,715	2,038,424

	total plastic feedtube	total metal feedtube
	91,600	
	536,334	
	20,380	
	188,307	
	109,879	
		74,440
		227,749
		28,920
	278,896	
	114,370	
		252,763
		45,722
		8,190
TOTAL	1,339,766	637,784



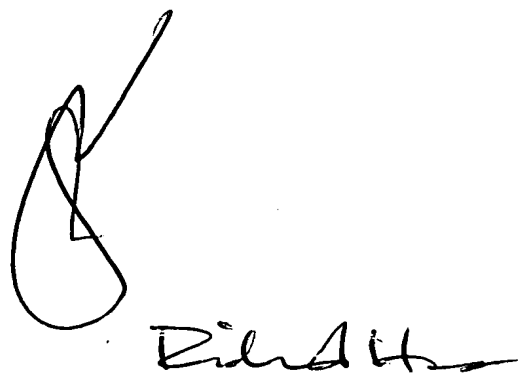
Dilbert H.

Breville Juicers units shipped from our China supplier worldwide

Juicers	feedtube type	Units shipped each Year											TOTAL UNITS	Australian dollar relative retail price	rough estimate dollar value total retail sales all juicers	total retail sales plastic feedtube approx	total retail sales metal feedtube approx
		1997	1998	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
BJE200	plastic	0	0	0	0	0	0	0	0	28,188	100,532	72,234	54,341	62,198	90,123	407,616	\$68,887,104
BJE200C	plastic	0	0	0	0	0	0	0	0	0	13,148	45,507	30,860	6,080	31,853	137,413	\$22,825,722
JE90	plastic	0	0	0	0	0	0	0	122,234	74,039	33,689	16,322	14,919	28,175	34,184	913,543	\$162,791,052
JE95	plastic	0	0	0	0	0	0	0	206,185	206,704	136,788	144,131	196,191	110,784	85,218	1,198,375	\$239,615,081
JE70	plastic	0	0	0	0	0	0	0	112,364	34,012	5,958	6,000	3,580	7,200	3,600	78,126	\$13,984,554
JE99XL	plastic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60,874	\$59,585,342
BJE400	plastic	0	0	0	0	0	0	0	0	15,880	56,031	96,163	46,348	4,832	40,964	280,198	\$25,162,291
BJE410	plastic	0	0	0	0	0	0	0	0	0	0	0	25,500	47,855	38,524	109,879	\$20,253,162
BJE500	metal in plastic lid	0	0	0	0	0	0	0	0	0	6,898	21,929	33,864	10,248	8,399	81,338	\$63,541,971
BJE510	metal in plastic lid	0	0	0	0	0	0	0	0	0	0	53,436	63,866	38,328	72,099	227,748	\$8,647,080
BJE520	metal in plastic lid	0	0	0	0	0	0	0	0	0	0	0	0	13,397	15,553	28,920	\$166,837,880
800UE	metal in plastic lid	0	0	0	0	0	0	0	4,916	12,364	57,553	88,521	72,762	100,847	28,277	416,120	\$20,529,178
BJE820	metal in plastic lid	0	0	0	0	0	0	0	0	0	0	0	12,434	11,091	22,197	45,722	\$4,332,510
BJE840	metal in plastic lid	0	0	0	0	0	0	0	0	0	0	0	0	0	8,190	8,190	\$304,141,781
TOTAL					89,040	105,743	193,800	315,516	374,795	400,100	441,755	528,574	582,770	386,365	560,715	3,069,173	

quantity shipped is accurate

these figures are relative value only, based on Aus retail prices



Total Quantity shipped of Juicers range from Kolvin

Last 4 years of juicers shipped from our China supplier to worldwide

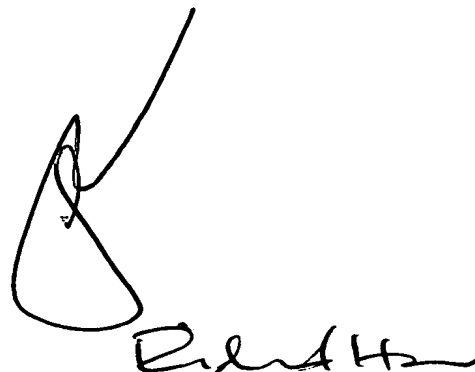
Juicers	feedtube type	2007	2008	2009	2010	TOTAL UNITS	Australian dollar relative retail price	total retail sales plastic feedtube approx	total retail sales metal feedtube approx
BJE200	plastic	72,234	54,341	62,198	90,123	278,896	169	\$47,133,424	
BJE200C	plastic	45,597	30,860	6,060	31,853	114,370	179	\$20,472,230	
JE90	plastic	16,322	14,919	26,175	34,184	91,600	199	\$18,228,400	
JE95	plastic	144,131	196,191	110,794	85,218	536,334	199.95	\$107,239,983	
JE70	plastic	6,000	3,580	7,200	3,600	20,380	179	\$3,648,020	
BJE400	plastic	96,163	46,348	4,832	40,964	188,307	229	\$43,122,303	
BJE410	plastic	0	25,500	47,855	36,524	109,879	229	\$25,162,291	
JE98XL	plastic	0	0	0	60,874	60,874	170	\$10,348,580	
BJE500	metal in plastic lid	21,929	33,864	10,248	8,399	74,440	249		\$18,535,560
BJE510	metal in plastic lid	53,436	63,886	38,328	72,099	227,749	279		\$63,541,971
BJE520	metal in plastic lid	0	0	13,367	15,553	28,920	299		\$8,647,080
800JE	metal in plastic lid	72,762	100,847	28,217	50,937	262,763	449		\$113,490,587
BJE820	metal in plastic lid	0	12,434	11,091	22,197	46,722	449		\$20,529,178
BJB840	metal in plastic lid	0	0	0	8,190	8,190	529		\$4,332,510

TOTAL	628,674	682,770	366,366	660,716	2,038,424
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this number is accurate

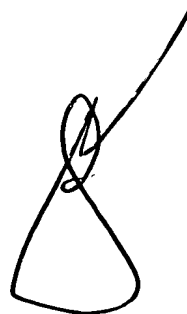
\$276,366,231	\$229,076,886
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these figures are relative value only based on Aus retail prices these figures are relative value only based on Aus retail prices



Total Breville Juicers shipped to USA & Canada - first sales of JE90 began in 2003

Juicers	feedtube type	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL UNITS	rec retail price \$US approx only 2011	total plastic feedtube approximate total retail	total metal feedtube approximate total retail
BJE200	plastic	0	0	0	0	58,088	7,140	37,410	47,066	46,005	196,709	99.99	\$19,568,942.91	
BJE200C	plastic	0	0	0	0	8,090	8,907	1,618	0	0	18,615	129.99	\$2,419,763.85	
JE90	plastic	0	54,329	67,545	50,588	21,891	3,876	5,140	18,260	26,038	247,667	129.99	\$32,194,233.33	
JE95	plastic	0	0	23,300	62,270	63,560	41,860	104,970	72,300	10,650	378,910	149.99	\$56,832,710.90	
JE98XL	plastic	0	0	0	0	0	0	0	0	60,564	60,564	149.99	\$9,083,994.36	
BJE510	metal in plastic lid	0	0	0	0	0	10,184	22,390	27,822	35,230	95,626	199.99		\$19,124,243.74
800JE	metal in plastic lid	0	0	3,000	29,269	34,013	22,602	43,137	23,512	35,771	191,304	299.99		\$57,389,286.96
BJE820	metal in plastic lid	0	0	0	0	0	0	8,560	6,172	3,758	18,490	399.99		\$7,395,815.10
BJB840	metal in plastic lid	0	0	0	0	0	0	0	0	5,362	5,362	499.99		\$2,680,946.38
TOTAL		0	54,329	93,845	142,127	185,642	94,569	223,225	196,132	223,378	1,212,247		\$120,099,645.35	\$86,590,292.18

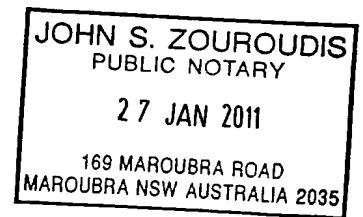
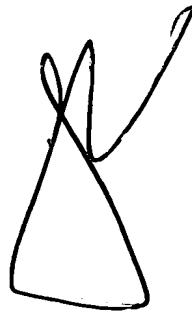


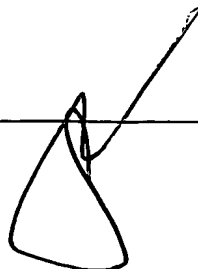
Editha

EXHIBIT RH-05

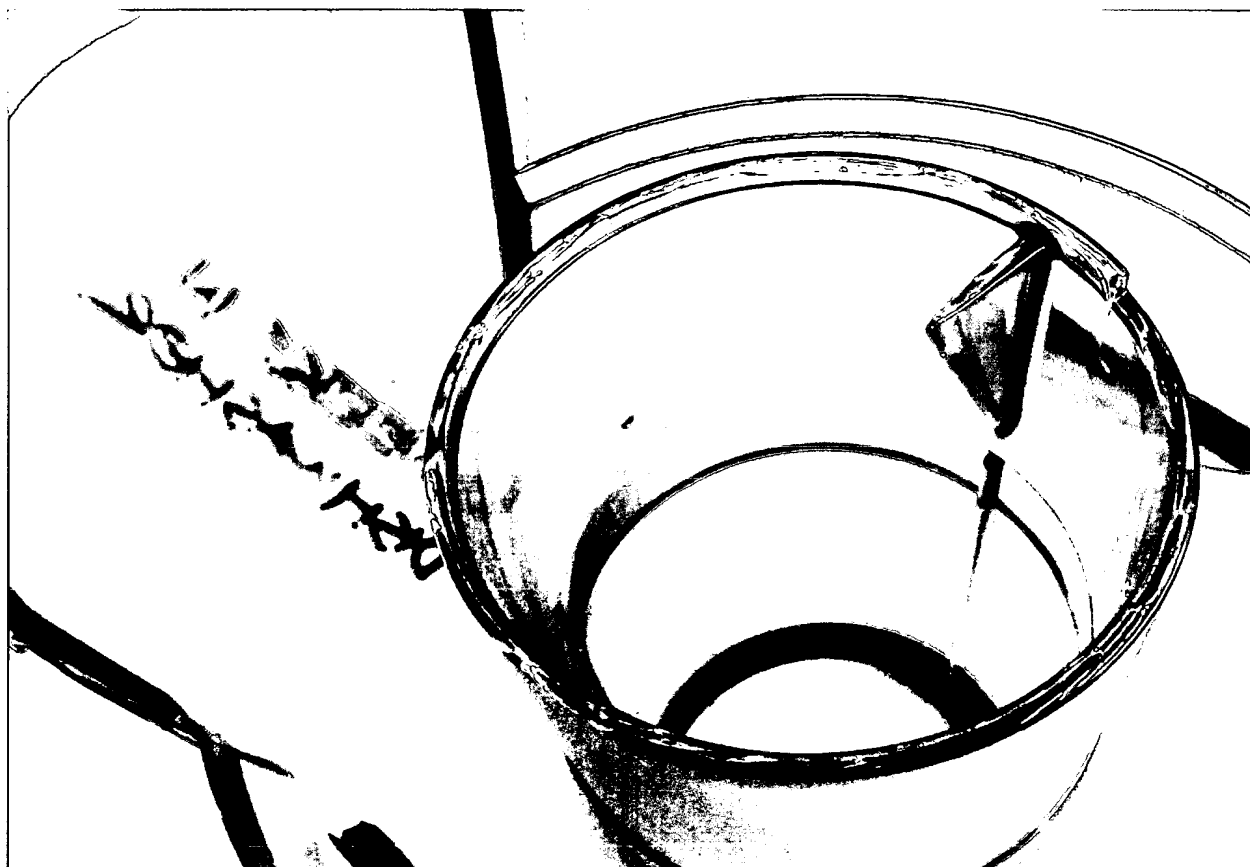
The attached is Exhibit "**RH-05**" referred to in Paragraph [022] of the Affidavit of **Richard Hoare**.

Richard Hoare





Richard Hoare



JE90 lid dishwasher testing after 6 weeks



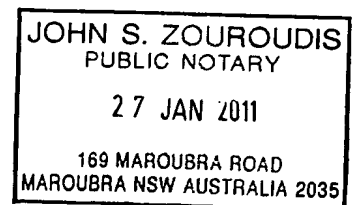
JE90 lid dishwasher testing knife stress cracking

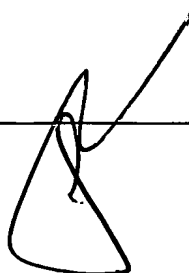
Bill H. H. H.

EXHIBIT RH-06

The attached is Exhibit “**RH-06**” referred to in Paragraph [024] of the Affidavit of **Richard Hoare**.

Richard Hoare





Richard Hoare

INTERNAL USE ONLY



SERVICE CENTRE ADVICE

PRODUCT CHANGE NOTICE:

DATE: 11th MARCH 2003

BRAND: BREVILLE

MODEL No: JE90J

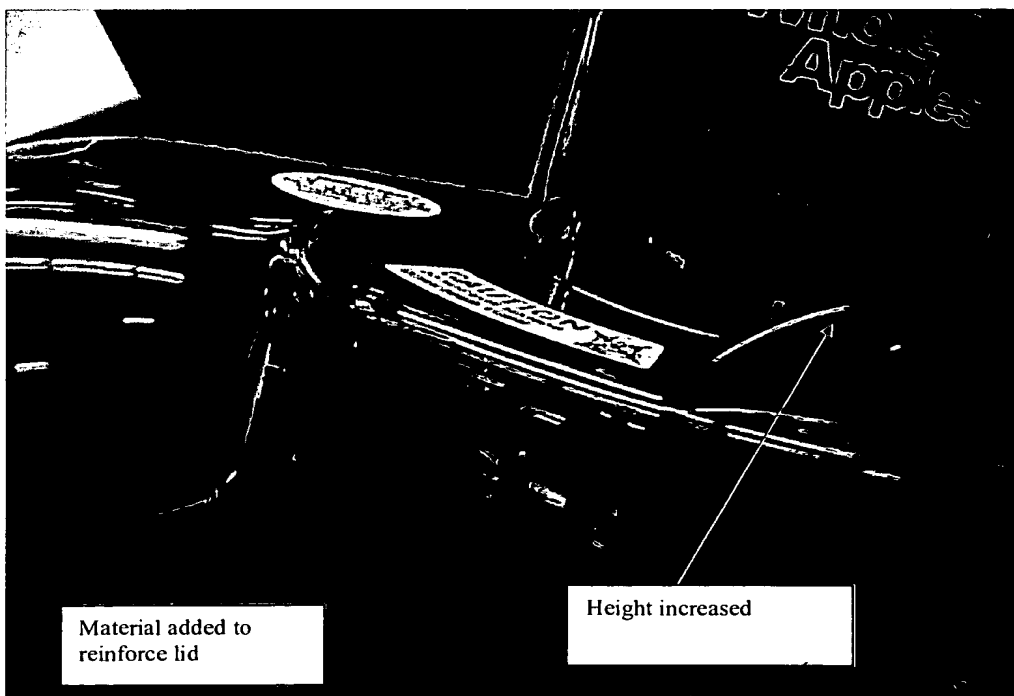
PRODUCT DESCRIPTION: PROFESS JUICE FOUNTAIN

PRODUCTION DATE CODE OF CHANGE: 301

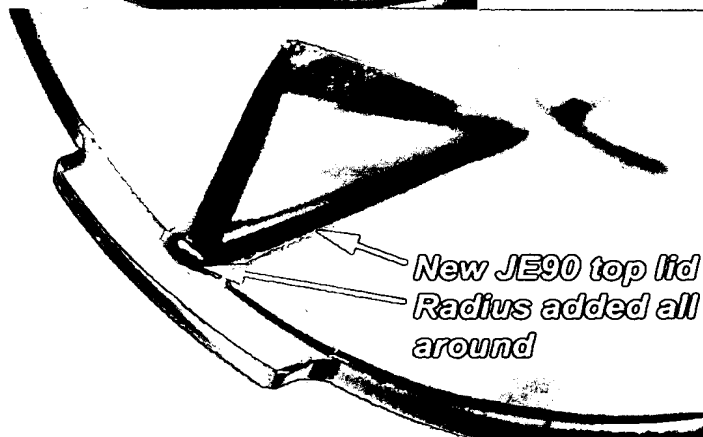
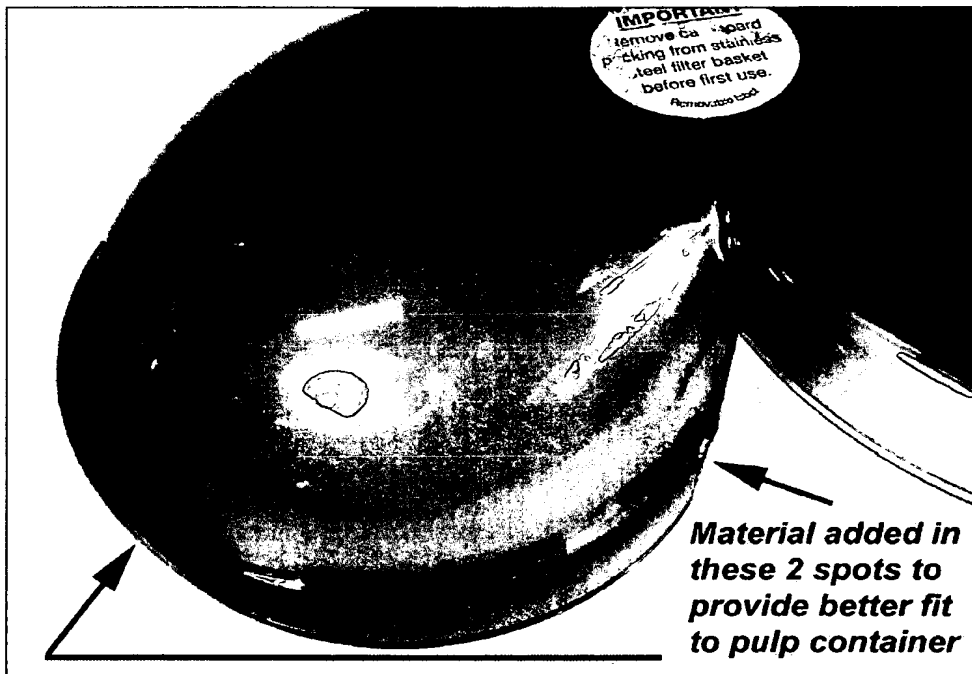
CHANGE DESCRIPTION/DETAILS:

Top lid modified as shown below

- Increased lock ramp height.
- material added to the front of the lid to improve fit to the pulp container.
- the radius around the knife in the feedtube has been softened. (this was implemented to production before the lock ramps were changed)



B. L. H.

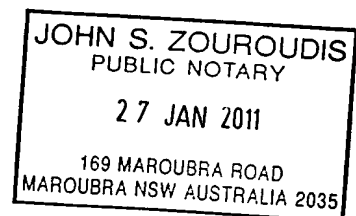
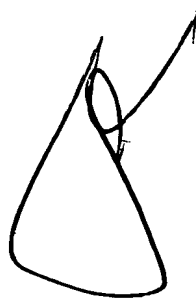


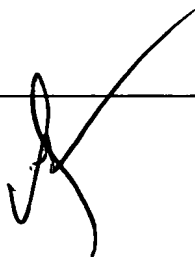
Ridner

EXHIBIT RH-07

The attached is Exhibit "**RH-07**" referred to in Paragraph [026] of the Affidavit of **Richard Hoare**.

Richard Hoare





Richard Hoare

BREVILLE R. & D. PTY. LTD.

Keith / RICHARD

TO; JOE HERSCH: BARB AND MIKE DELAUNEY.
FROM: JOHN O'BRIEN.
SUBJECT: J.E. 200.
DATE: JANUARY 7, 2003.

Further to my note of January 2 re: JE.200 and McDonalds:

SUMMARY OF THE JE.90J IN AUSTRALIA UNTIL YEAR ENDED DECEMBER, 2002.:

The JE.90 sales value was just over \$16 million at a G.P. of 45%.

Number of Units sold in Australia only: 119,273.

The two-speed model JE.90 to be introduced in the first half of this year and later on will probably have a Wheat-Grass Juicer attachment. I feel, this fills the need of the domestic user in every way.

Later the low cost model that Keith is working on will cover the cost segment of the juice extractor market.

The JE.200 , if sold domestically, at - say - \$499.00

W I L L N O T

produce volume. How many people are going to pay \$499 when the \$199 fills all the requirements. ^{the 9}
_{2 speed}

The JE.200 should only be sold commercially and I think would be fine at - say - \$US.850, or higher. - Needs evaluation.

We should approach the big chains - i.e. McDonalds; Kentucky Fried Chicken; Burger King etc. direct; and then you need in other countries commercial distributors. _{U.S.A &}

In Australia, I think we can do it direct - mailing outlets with a video.

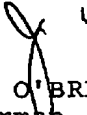
In summary I cannot see what we would gain by selling the JE.200 domestically; but I can see that if we sold it commercially we would be amply rewarded.

Did AHC



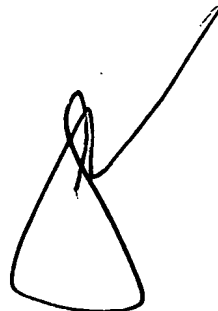


- 2 -

The JE.200 with the Italian Motor was tested at Centrepoint for five months. The only problem was with the plastic knife breaking from time to time. The production model will have a stainless steel knife.



JOHN O'BRIEN,
Chairman.

P.S. We cannot "run with the hare and hunt with the hounds"!

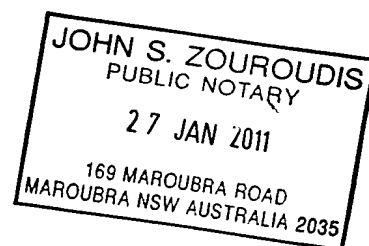


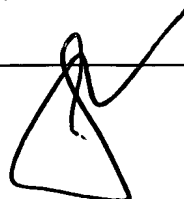
Edith Hester

EXHIBIT RH-08

The attached is Exhibit "**RH-08**" referred to in Paragraph [028] of the Affidavit of **Richard Hoare**.

Richard Hoare

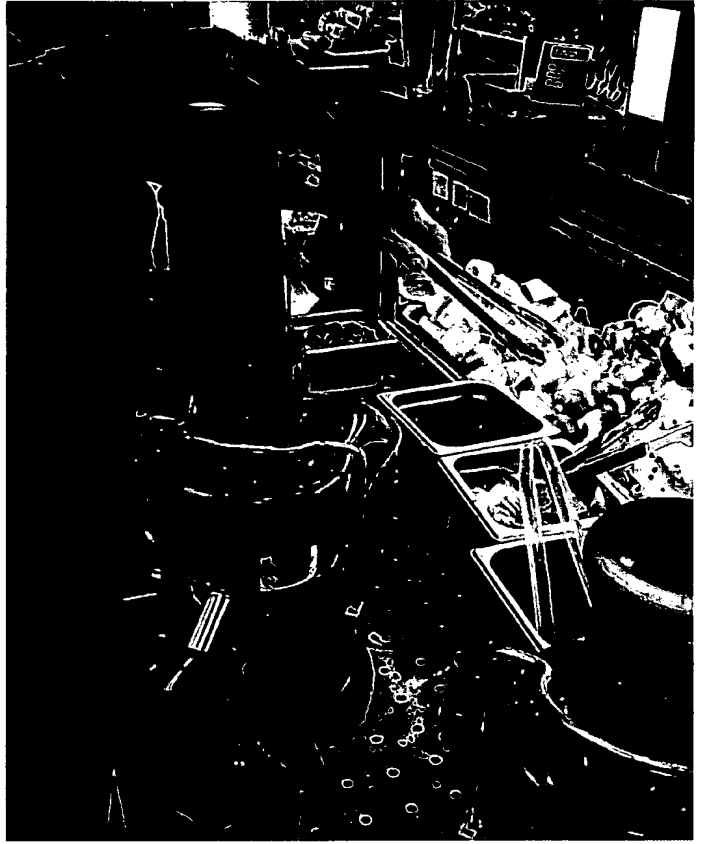




Richard Hoare



Juicebartesting-01



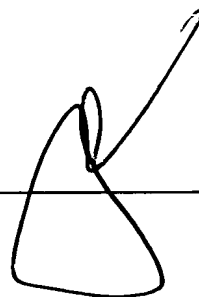
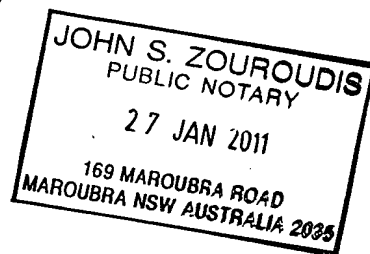
Juicebartesting-05

Brian Hae

EXHIBIT RH-09

The attached is Exhibit "**RH-09**" referred to in Paragraph [029] of the Affidavit of **Richard Hoare**.

Richard Hoare



Richard Hoare

Breville R & D Pty Ltd

RESEARCH AND DEVELOPMENT OF INNOVATIVE ELECTRICAL APPLIANCES

ABN 98 000 092 928

BREVILLE PTY LTD.
BUILDING 2, PORT
AIR INDUSTRIAL ESTATE
1A HALE STREET, BOTANY NSW 2019
TELEPHONE: (61-2) 9384-8100
FAX: (61-2) 9700-1357

Facsimile Transmission

Date: 06.05.02 **Total Pages** 4
To: Joe Hersch **From:** Steve McClean
Company: Model Shop **REF.:**
CC: Barb Obrien, John Obrien, Viola Cheung, John McClean
Subject: JE 200

Hi Joe

Alan Worsley from the fresh juice bar at centerpoint has replaced 3 large commercial juicing machines with 2 JE200. These machines have been used every day over the last 3 months processing up to 100kg a day. The main advantages over the larger machines are.

- (1) A higher rate of juice per kg of fruit. Alan believes that 20% more juice can be achieved over the larger machines.
- (2) The smaller area of the machine therefor saving bench space.
- (3) Less time spent in preparation due to the larger feed tube.

Please see the results of Alan's questionnaire.

Best regards,
Steve McClean

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Steve McClean

Please fax this back by Friday the 19th April 2002

Attention: Justine Magafas

Fax No: 02) 9700 1289

Name of test user: FRESH JUICE BAR ALAN WORSLEY
Establishment Name: CENTRE POINT
Contact Phone: 9231 6040

BREVILLE
PRODUCT TESTING QUESTIONNAIRE
Juice Fountain Professional Testing Trial No 1
Model JE200

Ease of Use

	Ratings (Please circle)	Your comments/Suggestions
	Please rate from 1 to 5 1 = Very good 5 = Very difficult	
Ease of general Use	(1) 2 3 4 5	
Ease of assembling unit	(1) 2 3 4 5	HARD TO DISASSEMBLE AFTER HEAVY USE
Use of switches	(1) 2 3 4 5	
Cleaning of unit	(1) 2 3 4 5	



2
D. J. Allen

Fruits and vegetables

What were the results when juicing the following fruits and vegetables?

	Ratings (Please circle)	Your comments/Suggestions
	Please rate from 1 to 5 1 = Excellent result 5 = Poor result Note: Use 'X' if fruit or vegetable was not used	
Apple	(1) 2 3 4 5	sometimes apple is JUST MISSED BLADE
Pineapple	(1) 2 3 4 5	
Orange (Peeled)	(1) 2 3 4 5	
Strawberries	(1) 2 3 4 5	
Melon	(1) 2 3 4 5	
Pear	(1) 2 3 4 5	
Carrot	(1) 2 3 4 5	
Celery	(1) 2 3 4 5	
Beetroot	(1) 2 3 4 5	
Tomato	(1) 2 3 4 5	
Others & Combinations List below	9	
ginger	(1) 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	
	1 2 3 4 5	



Usage of Juicer

Did you use daily or weekly?	If so approx how often	Please tick
For daily usage	More than 20 times per day	100 <i>per day</i>
	Between 10 to 20 times per day	
	Between 1 to 10 times per day	
For weekly usage	More than 5 times per day	
	1 to 5 times per week	

2. What were the main fruits or vegetables you used this juicer for?

carrots celery apple pineapple oranges watermelon

3. How would you rate the visual appeal of the unit? (Please circle)

☒ A) Very appealing

☐ B) Appealing

☐ C) Unappealing

4. What are the best features of the Commercial Juice Fountain Professional?

its nice slim line

5. Did you find any problems with the unit?

first of testing P.C.B. Problem

6. What improvements would you suggest?

easy Disassemble area

7. In comparison with other juicers, did you find this juicer easy to clean?

Yes

8. Would you purchase this juicer? (Please circle)

☒ Yes

☐ No

☐ Not sure

9. How much would you expect to pay for this juicer?

\$700

Thank you for completing this questionnaire.

If you have any further questions please contact Justine Magafas 9384 8113.

[Signature]

[Signature]

EXHIBIT RH-10

The attached is Exhibit "**RH-10**" referred to in Paragraph [032] of the Affidavit of **Richard Hoare**.

Richard Hoare

[Signature]

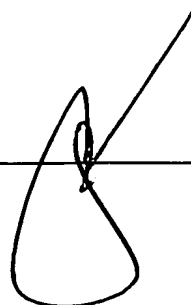


[Signature]

Richard Hoare



RH-10A



Edith

SS Feedtube assembly
incorporates welded SS knife

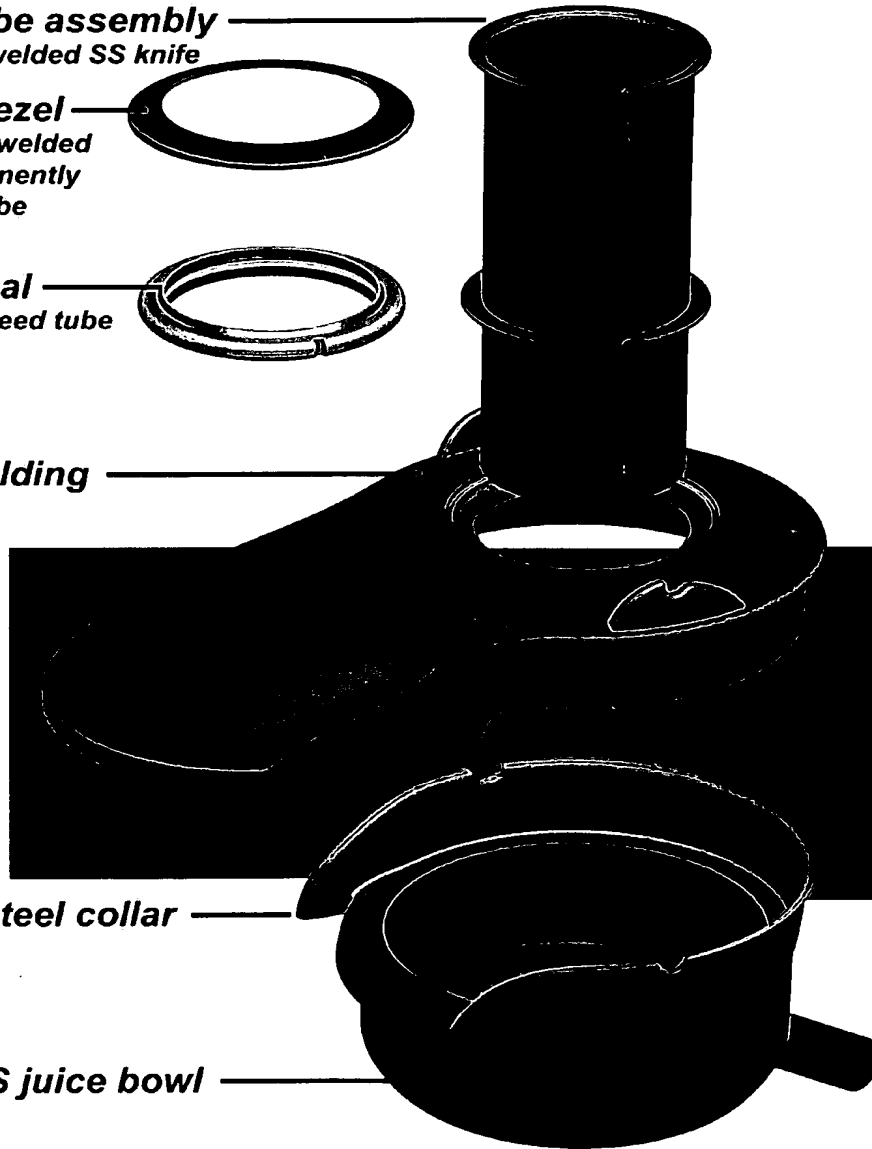
PC Weld Bezel
Ultrasonically welded
to lid to permanently
secure feed tube

Silicone Seal
assembled to feed tube
before welding

PC lid moulding

Stainless steel collar

Existing SS juice bowl



August 2002
RH-10B

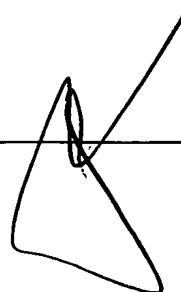
A handwritten signature, likely of the designer or engineer, located at the bottom right of the page.

Did not



August 2002


RH-10C

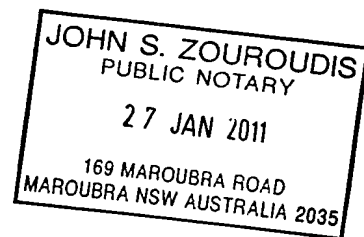


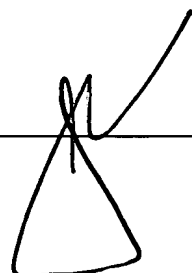
RidndHm

EXHIBIT RH-11

The attached is Exhibit "**RH-11**" referred to in Paragraph [036] of the Affidavit of **Richard Hoare**.

Richard Hoare 

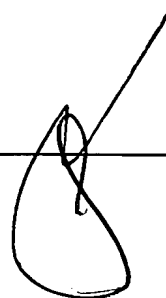


 *Richard Hoare*

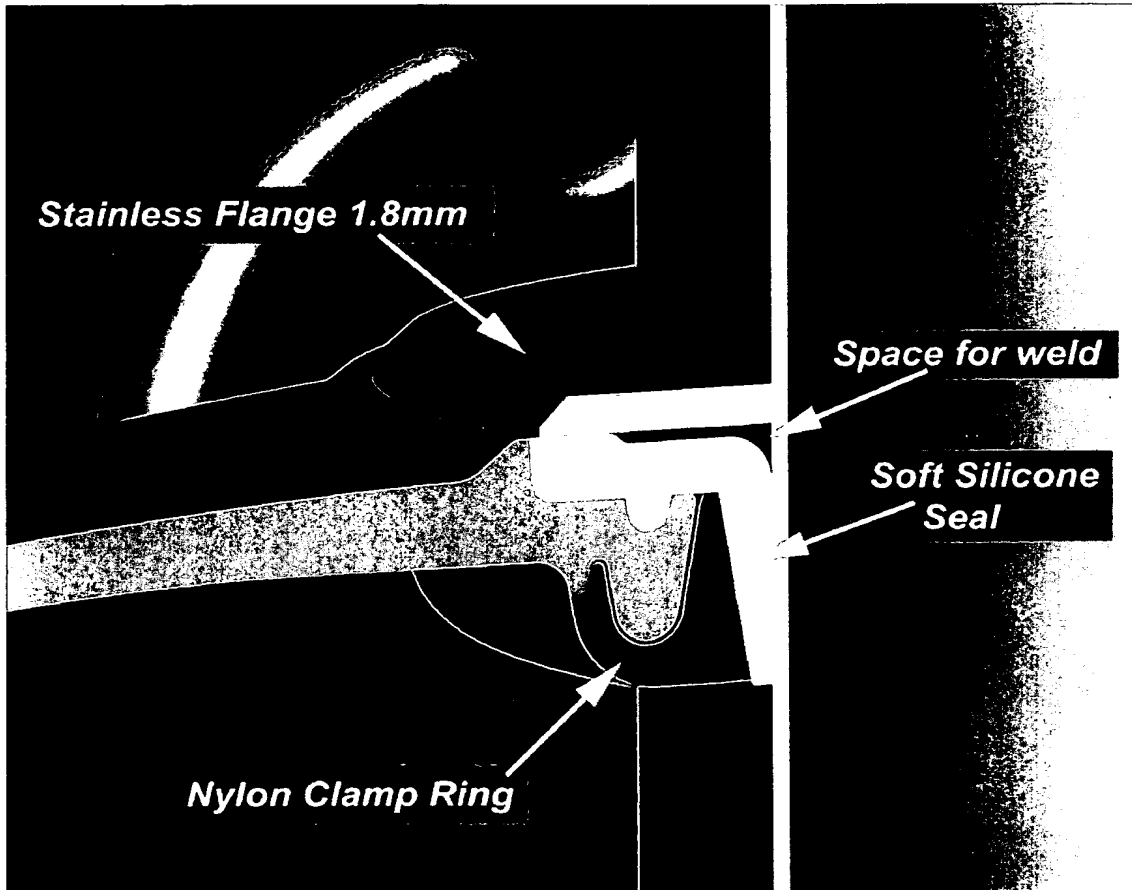


November 2002

RH-11A

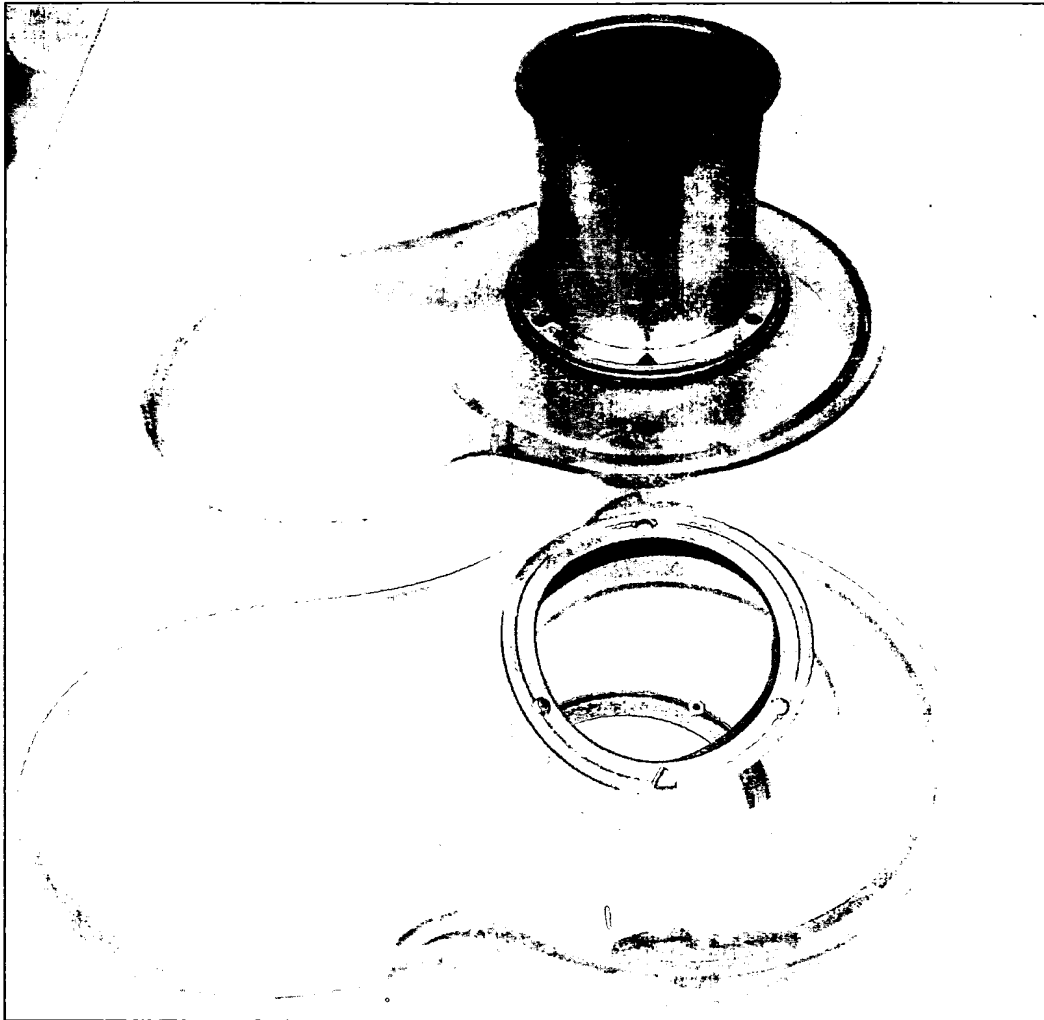


Bilal H.



November 2002
RH-11B

David H. Hatten



November 2002

RH-11D

A stylized, handwritten signature or mark, possibly a stylized 'K' or a similar character, written in black ink.

Diend Hra





RH-11E

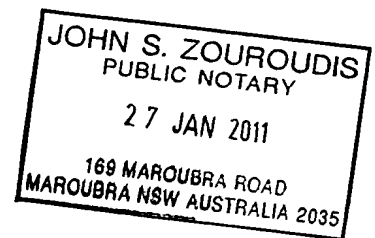
A stylized, handwritten signature or mark, possibly reading 'K' or 'K1', written in black ink. It consists of a large, sweeping loop with a smaller, more intricate mark inside.

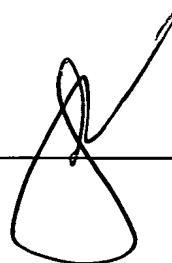
Edwards

EXHIBIT RH-12

The attached is Exhibit "**RH-12**" referred to in Paragraph [037] of the Affidavit of **Richard Hoare**.







FAXED

BREVILLE PTY LIMITED

ABN 98 000 092 928

Private Bag 2000, Botany NSW 2019
Building 2, Port Air Industrial Estate
1a Hale Street NSW 2019

PURCHASE ORDER

24217

DATE 6 Dec 02

To

SOLID CONCEPTS,
UNIT 1, 5 HARVARD WAT
CANNING VALE, WA.

Telephone:
(02) 9384 8100
Fax:
(02) 9700 1289

Please Supply in good order and condition According to our Instructions

QUANTITY	DESCRIPTION	PRICE \$	c
1	SLAS, SILICONE MOUNDS, 5 OFF CASTINGS OF EACH PART AS LISTED IN E-MAIL DEC 4. AS PER YOUR QUOTATION 8384	SLAS MOUNDS 5X CASTINGS	4155 4880 2550
	EX GST TOTAL	\$	11585
	+ POSTAGE & HANDLING.		

DELIVERY AND OTHER INSTRUCTIONS

→ KEITH HENSEL (MOBILE 0409 209774)
BREVILLE RECEPTION DESK, BUILDING 2
PORT AIR INDUSTRIAL ESTATE
1A HALE ST, BOTANY, NSW 2019

IMPORTANT

INVOICE MUST ACCOMPANY GOODS AND SHOW OUR ORDER NUMBER

All goods delivered after 25th of month to be invoiced as 1st of following month.

Please mark quantities on each package.

We pay CASH or C.O.D. for appropriate discounts. PLEASE ADVISE.

I hereby quote sales tax registration number 2 789 762.
For and on behalf of the Public Officer Paul Brian Milburn.

Keith Hensel

Signature of authorised person.

Date

[Handwritten signature]

Keith Hensel

SOLID CONCEPTS



Date: 02-Dec-02
Breville
 Building 2, Port Air Industrial Estate
 1A Hale Street
 Botany NSW 2019

THIS IS NOT A TAX INVOICE
Quote No. 8384
Attention: Keith Hensel
Phone 02 9384 8137
Fax: 02 9700 1289

DESCRIPTION	AMOUNT
STEREOLITHOGRAPHY	
Plastic Lid	AUD \$ 1,520.00
Pulp Container	AUD \$ 1,700.00
Stainless Collar	AUD \$ 525.00
Fixing Ring	AUD \$ 200.00
Silicon Ring	AUD \$ 210.00
SELECTIVE LASER SINTERING	
Pulp Container x 3 - 4 Working Days	AUD \$ 4,375.00
VACUUM CASTING - Duplication in ABS Material	
Plastic Lid - Preparation of silicon moulds	AUD \$ 1,500.00
at \$ 175.00 per set x 3	AUD \$ 525.00
Pulp Container - Preparation of silicon moulds	AUD \$ 1,855.00
at \$ 175.00 per set x 3	AUD \$ 525.00
Stainless Collar - Preparation of silicon moulds	AUD \$ 815.00
at \$ 65.00 per set x 3	AUD \$ 195.00
Fixing Ring - Preparation of silicon moulds	AUD \$ 355.00
at \$ 50.00 per set x 3	AUD \$ 150.00
Silicon Ring - Preparation of silicon moulds	AUD \$ 335.00
at \$ 45.00 per set x 3	AUD \$ 135.00
POSTAGE AND HANDLING (per parcel sent)	AUD TBA
DELIVERY * 4 days stereolithography, followed by 3 days mould preparation, producing 1-2 sets of cast per day thereafter	
PAYMENT 30 DAYS FROM DATE OF INVOICE	
G.S.T.	AUD TBA
TOTAL	AUD TBA

SLAs

4155

Note: This delivery time is an estimate based upon current workload.
 Should you accept this quotation we will supply an accurate delivery
 Schedule upon receipt of your files and a purchase order.

Francois Primon

5 Harvard Way, Canning Vale, Western Australia, 6155
 Telephone: (08) 9455 5377 Facsimile: (08) 9455 5344
 ABN: 46 009 301 553
 Email: prototype@solid-concepts.com.au
<http://www.solid-concepts.com.au>

Dilrath

Keith Hensel

From: Keith Hensel
Sent: Wednesday, December 04, 2002 8:16 AM
To: 'prototype@solid-concepts.com.au'
Subject: RE: Quote 8384

Tulan, Francois,

Please go ahead with your quote 8384 as follows:

Please prepare SLAs of all 5 parts as outlined.

Please prepare Vacuum casting moulds of all 5 parts as outlined.

We will go ahead with 5 parts from each mould.

Plastic Lid: clear (transparent) parts in high gloss. Please ensure SLAs are finished to high level before separation of mould

Pulp Container: Please add the additive to the urethane to make the parts look like metal.

Stainless Collar: As discussed, please add the additive to the urethane to make the parts look like metal

Fixing Ring: Please add the metallic additive to these parts also.

Silicone Ring: Approx 40 shore A. Please colour match the silicone ring to a metallic grey that looks like the other components.

I will fax through an order tomorrow. The order number will be **24217**

Regards

Keith

○

-----Original Message-----

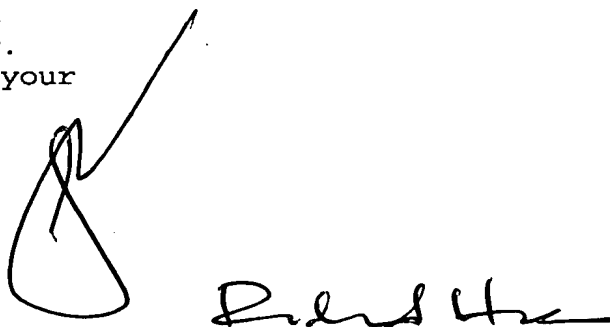
From: prototype@solid-concepts.com.au [mailto:prototype@solid-concepts.com.au]
Sent: Monday, December 02, 2002 4:20 PM
To: Keith Hensel
Subject: Quote 8384

This email has been scanned by MAILsweeper.
You should now scan all attachments using your
desktop AV scanner.

Keith,

Please find attached our quote as requested.

Regards,
Tulan



----- Original Message -----

From: Keith Hensel

To: prototype@solid-concepts.com.au

Sent: Monday, December 02, 2002 8:28 AM

Subject: Quotation for SLAs and castings: Email 1 of 2

Good morning,

In the following e-mail I will send 5 x "stl" files for quotation.

(Note: These are basically the same parts as in your previous Quotation 8109)

We are after multiple parts:

Plastic lid

SLA

Silicone tool (part needs to be finished to high gloss level)

3x Castings in "water clear" urethane (high gloss level)

(please quote also on cost for extra castings)

Pulp Container

Option 1: 3 x SLS parts

(We have had a problem with the previous SLA pulp containers that they have broken easily, so we will go with SLS and hand finish).

Option 2: Castings

SLA + Silicone tool (part needs to be finished to medium level)

3x Castings in urethane (please quote also on cost for extra castings)

We require a minimum of 3 of these parts, I am not sure how hard this will be to cast, perhaps you could make a recommendation on whether it is more cost effective to cast or simply to produce 3x SLS parts.

Stainless Collar

SLA tough

Silicone tool (part needs to be finished to medium level)

3x Castings in low melt metal alloy to simulate look stainless steel. What alloy would you recommend?

Note: This part will be 1mm SS, but I will thicken it up for the prototype. Let me know how much would you like me to thicken it up 1.5? 1.8?

(please quote also on cost for extra castings)

<<Stainless Collar.jpg>>

Fixing Ring

SLA tough

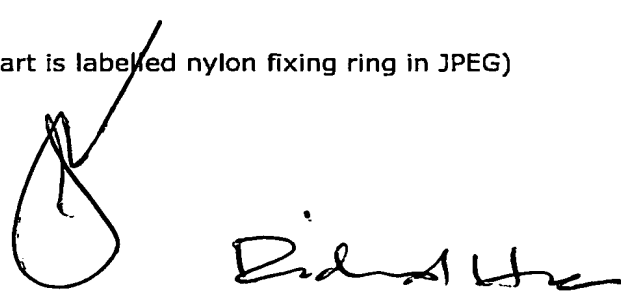
3x parts required

Note part fits in underside of plastic lid. (See JPEG:- this part is labelled nylon fixing ring in JPEG)

<<feedtube section.jpg>>

Silicone Ring

SLA



(please quote also on cost for extra castings)

Please quote on \$ and timing for the above ASAP (each part separately please), as if we decide to go ahead I need to have these models built up to "photographic level" before Christmas.

Thanks and Regards

Keith

Principal Designer

Housewares International

Mobile +61 (0) 409 209 774

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www.mimesweeper.com



Diend H

JE200 Mock-ups from Solid Concepts

Component	SLA	Silicone Mould	Total	Individual Part Cost	Number of parts	Total for Parts
Plastic Lid	\$1,520.00	\$1,500.00	\$3,020.00	\$175.00		
Pulp Container	\$1,700.00	\$1,855.00	\$3,555.00	\$175.00		
Stainless Collar	\$525.00	\$815.00	\$1,340.00	\$65.00		
Fixing Ring	\$200.00	\$355.00	\$555.00	\$50.00		
Silicone Ring	\$210.00	\$355.00	\$565.00	\$45.00		
Totals	\$4,155.00	\$4,880.00	\$9,035.00	\$510.00	3	\$1,530.00

Total for 3 sets

\$10,565.00

\$510.00 5

\$2,550.00

Total for 5 sets

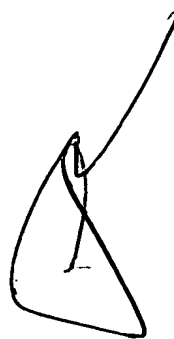
\$11,585.00

\$510.00 10

\$5,100.00

Total for 10 sets

\$14,135.00



Richard

ADD
SLA
1.55%
for
ANON PARTS

Keith Hensel

From: Keith Hensel
Sent: Monday, December 02, 2002 2:20 PM
To: 'prototype@solid-concepts.com.au'
Subject: New file for Stainless Collar: thickened to 1.6mm

Francois,

After our discussion this afternoon, I have decided to thicken up the Stainless Collar component to increase the strength of the Urethane casting. (was 1.0 now 1.6mm)

Please find the new file attached

Regards

Keith



Stainless-Collar-1.6
.stl (1 MB...)



Richard

Keith Hensel

From: Keith Hensel
Sent: Monday, December 02, 2002 11:29 AM
To: 'prototype@solid-concepts.com.au'
Subject: Quotation for SLAs and castings: Email 1 of 2

Good morning,

In the following e-mail I will send 5 x ".stl" files for quotation.
(Note: These are basically the same parts as in your previous Quotation 8109)

We are after multiple parts:

Plastic lid

SLA

Silicone tool (part needs to be finished to high gloss level)
3x Castings in "water clear" urethane (high gloss level)
(please quote also on cost for extra castings)

Pulp Container

Option 1: 3 x SLS parts

(We have had a problem with the previous SLA pulp containers that they have broken easily, so we will go with SLS and hand finish).

Option 2: Castings

SLA + Silicone tool (part needs to be finished to medium level)
3x Castings in urethane (please quote also on cost for extra castings)
We require a minimum of 3 of these parts, I am not sure how hard this will be to cast, perhaps you could make a recommendation on whether it is more cost effective to cast or simply to produce 3x SLS parts.

Stainless Collar

SLA tough

Silicone tool (part needs to be finished to medium level)
3x Castings in low melt metal alloy to simulate look stainless steel. What alloy would you recommend?

Note: This part will be 1mm SS, but I will thicken it up for the prototype. Let me know how much would you like me to thicken it up 1.5? 1.8?
(please quote also on cost for extra castings)



Stainless Collar.jpg
(48 KB)

Fixing Ring

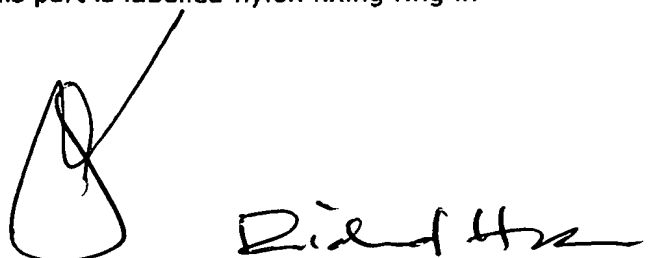
SLA tough

3x parts required

Note part fits in underside of plastic lid. (See JPEG:- this part is labelled nylon fixing ring in JPEG)



feedtube
section.jpg (38 KB)



SLA

Silicone tool (part needs to be finished to medium level)

3x low durometer castings approx 40 shore A colours to be specified
(please quote also on cost for extra castings)

Please quote on \$ and timing for the above ASAP (each part separately please), as if we decide to go ahead I need to have these models built up to "photographic level" before Christmas.

Thanks and Regards

Keith

Principal Designer
Housewares International
Mobile +61 (0) 409 209 774

A stylized handwritten signature, likely 'Keith', consisting of a large loop and a long diagonal stroke.A handwritten signature, likely 'Richard', written in a cursive style.

Keith Hensel

From: Keith Hensel
Sent: Monday, December 02, 2002 11:33 AM
To: 'prototype@solid-concepts.com.au'
Subject: Quotation for SLAs and castings: Email 2 of 2

As referred to in my previous e-mail, please find attached "stl" files.

Regards

Keith



STL_files.zip (3 MB)

A large, stylized handwritten signature, likely of Keith Hensel, consisting of a large loop and a long diagonal stroke.

Edith

Keith Hensel

From: Solid Concepts [prototype@solid-concepts.com.au]
Sent: Thursday, October 10, 2002 12:35 PM
To: Keith Hensel
Subject: Re: Go-ahead and new part files:- E-mail 1

This email has been scanned by MAILsweeper.
You should now scan all attachments using your
desktop AV scanner.

Hi Keith

Please find attached a new quote for the job that previously related to Q7993.

Due to the alterations (ie SLA in lieu of SLS and only 1 Plastic top) we raised a new quotation. Can you please organise for purchase order number 24211 to be cancelled and a new purchase order raised reflecting the figures in Q8109.

Thankyou and Kind regards

Jeanette

----- Original Message -----

From: Keith Hensel
To: Solid Concepts
Sent: Wednesday, October 09, 2002 6:12 AM
Subject: RE: Go-ahead and new part files:- E-mail 1

Jeanette,

I've had a delay in finishing the modifications to the second plastic top, the best approach for me now is to test the first plastic top and then update the 3-D model and resend to you. I'll try and get the file to you early next week.

Thanks

Keith

-----Original Message-----

From: Solid Concepts [mailto:prototype@solid-concepts.com.au]
Sent: Tuesday, October 08, 2002 3:38 PM
To: Keith Hensel
Subject: Re: Go-ahead and new part files:- E-mail 1
Importance: High

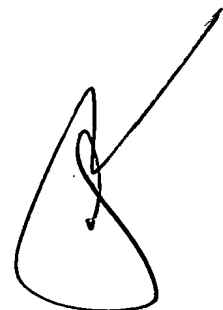
This email has been scanned by MAILsweeper.
You should now scan all attachments using your
desktop AV scanner.

Hi Keith,

In your email below you mentioned forwarding a second file for the plastic top.

Can you please advise when this file will be sent.

Kind regards



----- Original Message -----

From: Keith Hensel

To: Solid Concepts

Sent: Wednesday, September 25, 2002 9:24 AM

Subject: Go-ahead and new part files:- E-mail 1

Adrian/Jeanette,

Thank you for your Quotation No. 7993, I am pleased to confirm we will go ahead with the job.

Please note all part files are modified slightly. In this e-mail I will attach the first of the plastic-top2.stl files. I will send the second modified file for the plastic top to you tomorrow morning, but please don't let this hold up the job (my confidence level of having the file ready for tomorrow morning isn't high).

For the Stainless-collar2.stl component, I have decided to proceed with SLA rather than SLS. I assume the price is similar, please let me know if it affects the price.

Just a reminder, it is important that the plastic tops have a high polish and lacquer inside and out.

I will fax an order though shortly.

Best Regards

Keith

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager.

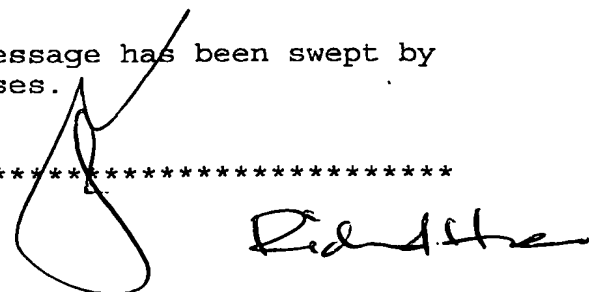
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www.mimesweeper.com

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This footnote also confirms that this email message has been swept by MIMESweeper for the presence of computer viruses.

www.mimesweeper.com



SOLID



CONCEPTS

Unit 1, 5 Harvard Way
CANNING VALE 6155 WA

Ph: 08 9455 5377
Fax: 08 9455 5344

ABN NUMBER: 46 009 301 553

10th October 2002

QUOTE: No. 8109


Breville
Private Bag 2000
BOTANY NSW 2019

Att: Mr. Keith Hensel
Fax: 02 9700 1289

DESCRIPTION	AMOUNT	
STEREOLITHOGRAPHY <i>Plastic-top (1 off), Pulp-container (1 off)</i> <i>Silicone-ring (1 off), Stainless-Collar (1 off)</i> = 4 parts in total	\$3,025	00
VACUUM CASTING <i>Preparation of mould for silicone ring</i>	\$250	00
<i>Duplication in a 40-50 shore A type material</i> <i>@ \$60 per part x 4</i>	\$240	00
Postage and Handling Additional		
DELIVERY* 5 working days for Stereolithography, followed by 2 days mould preparation, producing 2-3 parts per day thereafter.		
PAYMENT 30 DAYS FROM DATE OF INVOICE		
G.S.T.	\$351	50
TOTAL	\$3,866	50

* Note: This delivery time is an estimate based upon current workload.
Should you accept this quotation we will supply an accurate delivery
schedule upon receipt of your files and a purchase order.

Francois Primon



Ridnd then

2/2

SOLID CONCEPTS

Unit 1, 5 Harvard Way
CANNING VALE 6155 WA

Ph: 08 9455 5377
Fax: 08 9455 5344

ABN NUMBER: 46 009 301 553

1st October 2002

QUOTE: No. 8049

Breville
Private Bag 2000
BOTANY NSW 2019



Att: Mr. Keith Hensel
Fax: 02 9700 1289

NOTE:
NEW FAX
02 9384 9645.

DESCRIPTION		AMOUNT	
SELECTIVE LASER SINTERING			
JE95-ducting (2 off)		\$ 865	00
JE95-ducting (8 off)		\$2,880	00
Postage and Handling:			
	2 off	\$25	00
	8 off	\$40	00
PLEASE GO AHEAD WITH 2 OFF COMPONENTS. DELIVERY* 3 working days for 2 off 4 working days for 8 off			
PAYMENT 30 DAYS FROM DATE OF INVOICE			
G.S.T. of 10% TO BE ADDED			
TOTAL			

* Note: This delivery time is an estimate based upon current workload.
Should you accept this quotation we will supply an accurate delivery
schedule upon receipt of your files and a purchase order.

Francois Primon

BREVILLE PTY LIMITED

ABN 98 000 092 928

Private Bag 2000, Botany NSW 2019

Building 2, Port Air Industrial Estate

1a Hale Street NSW 2019

PURCHASE ORDER

24212

DATE 1 OCT '02.

Telephone:
(02) 9384 8100

Fax:
(02) 9700 1289

To

SOLID CONCEPTS

UNIT 1, 5 HARVARD WAY

CANNING VALE, WESTERN AUSTRALIA

Please Supply in good order and condition According to our Instructions

QUANTITY	DESCRIPTION	PRICE \$	c
2	SLS PROTOTYPES OF JE95-DULTING.	865	00
	POSTAGE $\frac{1}{2}$ HANDLING.	25	00
	TOTAL EX GST	\$890	00

DELIVERY AND OTHER INSTRUCTIONS

PLEASE ADDRESS PACKAGE: BREVILLE RECEPTION DESK, BUILDING 2
PORT AIR INDUSTRIAL ESTATE
1A HALE ST, BOTANY, NSW 2019
ATT: KEITH HENZEL, DESIGN PH 0409 209 774

IM PORTANT

INVOICE MUST ACCOMPANY GOODS AND SHOW OUR ORDER NUMBER

All goods delivered after 25th of month to be invoiced as 1st of following month.

Please mark quantities on each package.

We pay CASH or C.O.D. for appropriate discounts. PLEASE ADVISE.

~~I hereby quote sales tax registration number 2 789 762.
For and on behalf of the Public Officer Paul Brian Milburn.~~

Kulesz

Signature of authorised person.

1 OCT '02.

Date _____

Did it

Keith Hensel

From: Keith Hensel
Sent: Tuesday, October 01, 2002 5:46 PM
To: 'Solid Concepts'
Subject: RE: Part for quotation:- SLS

Jeanette,

Thanks you for the quotation,

Please go ahead with the 2-off parts. A new part file is attached (a few rads added).

Our order number is 24212 (\$865 + \$25 + GST).

I will fax an order through shortly. I would really appreciate it you could push this though as soon as possible. Thanks!

Best Regards

 Keith

-----Original Message-----

From: Solid Concepts [mailto:prototype@solid-concepts.com.au]
Sent: Tuesday, October 01, 2002 5:16 PM
To: Keith Hensel
Subject: Re: Part for quotation:- SLS

This email has been scanned by MAILsweeper.
You should now scan all attachments using your
desktop AV scanner.

Hello Keith

Please find attached quote as requested.

Kind regards

 Jeanette

----- Original Message -----

From: Keith Hensel
To: Solid Concepts
Sent: Tuesday, October 01, 2002 8:36 AM
Subject: Part for quotation:- SLS

Good morning,

Can you please quote on 2x nylon SLS of the attached component "JE95-ducting".

This job is really urgent, we would need to receive the parts by Monday

Assuming the part is successful, we would require a further 8 parts in 2 weeks time. Please prepare a separate quote on this also.

Thanks and Regards



PURCHASE ORDER

24211

ABN 98 000 092 928

**Private Bag 2000, Botany NSW 2019
Building 2, Port Air Industrial Estate
1a Hale Street NSW 2019**

DATE 25/9/02

Telephone:
(02) 9384 8100
Fax:
(02) 9700 1289

To

SOLID CONCEPTS
UNIT 1, 5 HARVARD WAY
CANNING VALE, WESTERN AUSTRALIA

Please Supply in good order and condition According to our Instructions

QUANTITY	DESCRIPTION	PRICE \$
1.	GLAS FOR JEZOO PROJECT AS PER QUOTATION 7993.	4470
	VACUUM CASTING MOLD & 4x SILICONE PARTS.	490
	TOTAL EX GST	\$4960

DELIVERY AND OTHER INSTRUCTIONS

PLEASE ADDRESS PACKAGE: BREVILLE RECEPTION DESK
BUILDING 2. ATTENTION KEITH HENSEL
BREVILLE DESIGN,
PORT AIR INDUSTRIAL ESTATE, BLDG 2, 1A HALE ST BOTANY NSW 2019.

IMPORTANT

INVOICE MUST ACCOMPANY GOODS AND SHOW OUR ORDER NUMBER

All goods delivered after 25th of month to be invoiced as 1st of following month.

Please mark quantities on each package.

W ☐ ay CASH or C.O.D. for appropriate discounts. PLEASE ADVISE.

I hereby quote sales tax registration number 2 789 762.
For and on behalf of the Public Officer Paul Brian Milburn.

Signature of authorised person.

Signature of authorised person.

Date 25/9/62

Date _____

Didn't then

2/3

From: Keith Hensel
Sent: Wednesday, September 25, 2002 11:24 AM
To: 'Solid Concepts'
Subject: Go-ahead and new part files:- E-mail 1

Adrian/Jeanette,

Thank you for your Quotation No. 7993, I am pleased to confirm we will go ahead with the job.

Please note all part files are modified slightly. In this e-mail I will attach the first of the plastic-top2.stl files. I will send the second modified file for the plastic top to you tomorrow morning, but please don't let this hold up the job (my confidence level of having the file ready for tomorrow morning isn't high!).

For the Stainless-collar2.stl component, I have decided to proceed with SLA rather than SLS. I assume the price is similar, please let me know if it affects the price.

Just a reminder, it is important that the plastic tops have a high polish and lacquer inside and out.

Will fax an order though shortly.

Best Regards

Keith

PLEASE NOTE ALSO THAT WE WILL 4 SILICONE RING
COMPONENTS.

THANKS



Keith Hensel

SOLID CONCEPTS

Unit 1, 5 Harvard Way
CANNING VALE 6155 WA

Ph: 08 9455 5377
Fax: 08 9455 5344

ABN NUMBER: 46 009 301 553

23rd September 2002


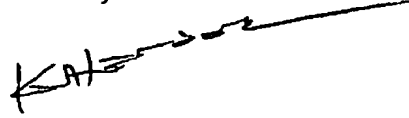

QUOTE: No. 7993

Breville
Private Bag 2000
BOTANY NSW 2019

Att: Mr. Keith Hensel
Fax: 02 9700 1289

DESCRIPTION	AMOUNT	
SELECTIVE LASER SINTERING <i>Stainless-Collar (1 off)</i>	\$370	00
STEREOLITHOGRAPHY <i>Plastic-top (2 off), Pulp-container (1 off)</i> <i>Silicone-ring (1 off)</i> <i>= 4 parts in total</i>	\$4,100	00
VACUUM CASTING <i>Preparation of mould for silicone ring</i>	\$250	00
<i>Duplication in a 40-50 shore A type material</i>	\$120	00
<i>@ \$60 per part x 2</i>	\$120	00
<i>+ 2 more</i>		
Postage and Handling Additional		
DELIVERY* 3 working days for S L S, 5 working days for Stereolithography, followed by 2 days mould preparation, producing 2-3 parts per day thereafter.		
PAYMENT 30 DAYS FROM DATE OF INVOICE		
G.S.T. of 10% TO BE ADDED		
TOTAL		

* Note: This delivery time is an estimate based upon current workload.
Should you accept this quotation we will supply an accurate delivery
schedule upon receipt of your files and a purchase order.

SOLID CONCEPTS

Unit 1, 5 Harvard Way
CANNING VALE 6155 WA

Ph: 08 9455 5377
Fax: 08 9455 5344

ABN NUMBER: 46 009 301 553

23rd September 2002

QUOTE: No. 7993

Breville
Private Bag 2000
BOTANY NSW 2019

Att: Mr. Keith Hensel
Fax: 02 9700 1289

Resend
PARTS

DESCRIPTION	AMOUNT	
SELECTIVE LASER SINTERING <i>Stainless-Collar (1 off)</i>	\$370	00
STEREOLITHOGRAPHY <i>Plastic-top (2 off), Pulp-container (1 off)</i> <i>Silicone-ring (1 off)</i> <i>= 4 parts in total</i>	\$4,100	00
VACUUM CASTING <i>Preparation of mould for silicone ring</i> <i>Duplication in a 40-50 shore A type material</i> <i>@ \$60 per part x 2</i>	\$250	00
	\$120	00
Postage and Handling Additional		
DELIVERY* 3 working days for S L S, 5 working days for Stereolithography, followed by 2 days mould preparation, producing 2-3 parts per day thereafter.		
PAYMENT 30 DAYS FROM DATE OF INVOICE		
G.S.T. of 10% TO BE ADDED		
TOTAL		

* Note: This delivery time is an estimate based upon current workload.
Should you accept this quotation we will supply an accurate delivery
schedule upon receipt of your files and a purchase order

Francis Brown

Keith Hensel

From: Keith Hensel
Sent: Monday, September 23, 2002 11:20 AM
To: 'Solid Concepts'
Subject: Quotation for SLAs:- E-mail 1

Good morning,

Please find attached to this e-mail one file for quotation. In the following two e-mails there will be 3 more parts. (total 4 files in all)

This is basically the same job as the last one you did for me although there is slight change in the detail of the parts. This time I am after 2 of the plastic top parts (not just one).

Please quote on the following:

plastic-top.stl x 2 SLAs

This part is required as a fully polished clear SLA (Note: last time you only polished the outside, but we need both the inside and out polished and lacquered).

Note also: There will be two variations of this part (I have only included one for your quotation, but the second part has some very minimal internal detail changes, external is identical).

pulp-container.stl x 1 SLAs

Standard SLA in reasonable surface finish inside and out. (not clear-polished)

silicone-ring.stl x 1 SLA

Standard SLA in reasonable surface finish

Please also quote on preparing 2x elastomer versions of this part in low durometer (around 40-50 shore A)

Stainless-collar.stl x 1 SLA

This part will eventually be made from stainless steel. I am interested in your recommendation on how to prepare a stronger prototype of this:

1. We could thicken it up to say 2.0mm if it is to be an SLA (currently 1.0mm).
2. Leave as is or thicken slightly say to 1.5mm and prepare a nylon SLS

I look forward to your quotation. Can you also let me know lead-time; this job is urgent so if you can push it through quickly it would be much appreciated.

Thanks and Regards

Keith Hensel

Principal Designer
Housewares International
Mobile +61 (0) 409 209 774



plastic-top.zip





Ark Silhouette Pty Ltd
5 Lynch Street
Hawthorn Victoria 3122
Melbourne Australia
ABN: 32 060 673 396

Tel: +61 (0)3 9819 4422
Fax: +61 (0)3 9819 4408
Email: info@ark.com.au
Internet: www.ark.com.au

To: Keith Hensel
CC:
Company: Breville
Telephone:
Facsimile:
Facsimile c



From: Kathryn Carmichael
Date: 23 September, 2002
Page: 1 of 2
Email: keith.hensel@breville.com.au
Email c

The information contained in this facsimile is intended for the named recipient only. It may contain private and confidential information and if you are not the intended recipient you must not copy, distribute or act upon the information herein. Please notify Ark Silhouette Pty Ltd if you have received this facsimile.

TOUGH SLA RP MASTER

QUOTATION

QJ266102

			
plastic-top (Tough SLA)	pulp-container (Normal SLA)		
03.51*71.08*184.75 Vol: 218435.9	68.10*241.95*159.50 Vol: 274248.		

Dear Keith

I have assembled the following quotation based on the STL data that you emailed to us. Tough SLA is a special build SLA material that simulates PP/ABS. It is well suited for applications where robustness, good surface finish and sharp detail is required.

Please note any cancellation or alteration to a customer's purchase order must be received in writing.

3D CAD

Breville will supply high resolution STL file(s) ready for master model production.

Tough SLA Master Model

Tough SLA Master Model(s) will be created from supplied STL files. Three levels of finish are available as standard: CONCEPT SLA is built fast and accurate with no finishing. ENGINEERING SLA has visual surfaces cleaned only. PREMIUM SLA has all surfaces cleaned. CUSTOM SLA is available on request.

2 off plastic top - Tough SLA
Premium Finish & clear
Lead Time

\$2675.00 total +GST
6-7 working days

Richard Hensel

2875-
435-
2675-
5985
6000
+ 6000

1 off pulp container
(Normal SLA)
Premium finish
Lead Time: Ship Out

\$2875.00 total +GST
5-6 working days

Delivery

1 off Couriers @
\$TBA+GST each to:

\$TBA+GST

Please Note

All lead times are estimates based upon current workloads. Arrk Silhouette Pty Ltd will supply an updated lead time schedule upon receipt of purchase order.

Delivery costs may vary depending upon actual prototype program.

All prices exclude 10% GST

Payment Terms

Strictly 14 days from invoice date.
This quotation is valid for 30 days from the date of quotation.

I trust this quotation meets to your approval. Should you require any further information please do not hesitate to call me at anytime.

Kind regards

Kathryn Carmichael



Arrk Silhouette Pty Ltd
5 Lynch Street
Hawthorn Victoria 3122
Melbourne Australia
ABN: 32 060 673 396


Tel: +61 (0)3 9819 4422
Fax: +61 (0)3 9819 4408
Email: info@arrk.com.au
Internet: www.arrk.com.au

To: Keith Hensel	From: Kathryn Carmichael	<small>The information contained in this facsimile is intended for the named recipient only. It may contain private and confidential information and if you are not the intended recipient you must not copy, distribute or act upon the information herein. Please notify Arrk Silhouette Pty Ltd if you have received this facsimile.</small>
CC:		
Company: Breville	Date: 23 September, 2002	
Telephone:	Page: 1 of 2	
Facsimile:	Email: keith.hensel@breville.com.au	
Facsimile c	Email c	

RAPID PLASTIC

QUOTATION

QJ266H02

			
Silicone Ring			
102.6*14.28*102.6 Vol: 16972.29			

Dear Keith

I have assembled the following quotation based on the STL data that you emailed to us.

Please note any cancellation or alteration to a customer's purchase order must be received in writing.

3D CAD

Breville will supply high resolution STL file(s) ready for master model production. The supply of poor quality data will result in additional cost to fix it.

SLA Master Model

SLA master model(s) will be created from supplied STL files. Three levels of finish are available as standard: CONCEPT SLA is built fast and accurate with no finishing. ENGINEERING SLA has visual surfaces cleaned only. PREMIUM SLA has all surfaces cleaned. CUSTOM SLA is available on request.

1 off
Engineering Finish
Premium Finish
Lead Time: Ship Out

\$385.00 total +GST
\$435.00 total +GST
4-5 working days

Keith Hensel

**Rapid Plastic
Silicone
Tooling**

The silicone tooling will be cast of the SLA master model(s). Silicone tooling always remains on the the premises of Arrk Silhouette. Based on the complexity of the parts, we will be able to get approximately 15-20 shots from the silicone tool before small details start to deteriorate. After 9 months silicone tools begin to degrade and no longer remain in tolerance. Unless otherwise specified, these tools will be recycled.

1 cavity \$475.00 total +GST
Lead Time 4-5 working days

**Rapid Plastic
PU Parts**

Standard colour: Black or White. Colour charge: AUD\$120.00 per colour

silicone ring \$50.00 each +GST
Lead Time 3 shots per day

Delivery

3 off Couriers @ \$TBA+GST each to: \$TBA+GST

☐ **Please Note**

All lead times are estimates based upon current workloads. Arrk Silhouette Pty Ltd will supply an updated lead time scheudle upon receipt of purchase order.

Delivery costs may vary depending upon actual prototype program.

All prices exclude 10% GST

Payment Terms

Strictly 14 days from date of invoice.
This quotation is valid for 30 days from the date of quotation.

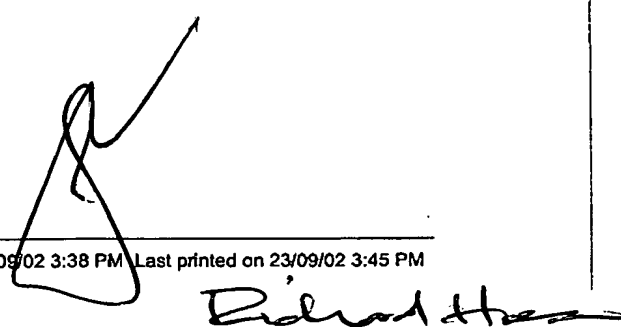
Payment Options:

- **Electronic Funds Transfer (EFT)**
- **Visa, Bankcard or Master Card**
- **Bank Cheque**

☐ I trust this quotation meets to your approval. Should you require any further information please do not hesitate to call me at anytime.

Kind regards

Kathryn Carmichael





Arrk Silhouette Pty Ltd
5 Lynch Street
Hawthorn Victoria 3122
Melbourne Australia
ABN: 32 060 673 396


Tel: +61 (0)3 9819 4422
Fax: +61 (0)3 9819 4408
Email: info@arrk.com.au
Internet: www.arrk.com.au

To: Keith Hensel	From: Kathryn Carmichael	The information contained in this facsimile is intended for the named recipient only. It may contain private and confidential information and if you are not the intended recipient you must not copy, distribute or act upon the information herein. Please notify Arrk Silhouette Pty Ltd if you have received this facsimile.
CC:		
Company: Breville	Date: 24 September, 2002	
Telephone:	Page: 1 of 2	
Facsimile:	Email: keith.hensel@breville.com.au	
Facsimile c	Email c	

SLS RP MASTER

QUOTATION

QJ267C02

			
Stainless-collar			
186.93*47.31*184.76 Vol: 23826.44			

Dear Keith

I have assembled the following quotation based on the STL data that you emailed to us. SLS is made from a glass filled nylon material. It is very durable but tends to have a "heavy sand blast" like surface finish.

☐ Please note any cancellation or alteration to a customer's purchase order must be received in writing.

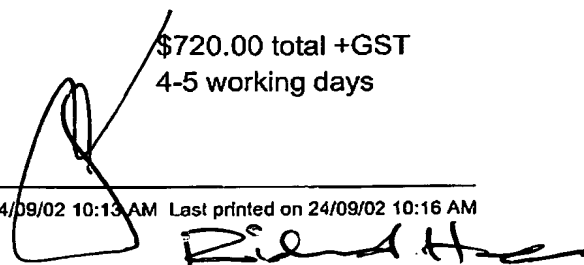
Expected Tolerances: Upto 150mm +/- 0.25mm. 150mm to 300mm, +/- 0.5mm.
Over 300mm +/- 0.165%.

3D CAD Breville will supply high resolution STL file(s) ready for master model production.

SLS Master Model SLS master model(s) will be created from supplied STL file information.

1 off
Lead Time: Ship Out

\$720.00 total +GST
4-5 working days



Delivery

1 off Couriers @
\$TBA+GST each to:

\$TBA+GST

Please Note

All lead times are estimates based upon current workloads. Arrk Silhouette Pty Ltd will supply an updated lead time scheudle upon receipt of purchase order.

Delivery costs may vary depending upon actual protoype program.

All prices exclude 10% GST

Payment Terms

Strictly 14 days from invoice date.
This quotation is valid for 30 days from the date of the quotation.

I trust this quotation meets to your approval. Should you require any further information please do not hesitate to call me at anytime.

☐ Kind regards

Kathryn Carmichael



REGARDS,
KEITH

ABN 98 000 092 928
Private Bag 2000, Botany NSW 2019
Building 2, Port Air Industrial Estate
1a Hale Street NSW 2019

24208

DATE 9/8/02
Telephone:
(02) 9384 8100
Fax:
(02) 9700 1289

To

SOLID CONCEPTS
UNIT 1, 5 HARVARD WAY,
CANNING VALE, WESTERN AUSTRALIA

QUANTITY	DESCRIPTION	PRICE	
		\$	c
1	SUAS FOR JEZOO PROJECT AS PER QUOTATION 7725	3569	00
	TOTAL INC GST	\$ 3569	00

PLEASE ADDRESS PACKAGE: BREVILLE RECEPTION DESK, BUILDING 2
ATT: KEITH HENSEL, BREVILLE DESIGN
PORT AIR INDUSTRIAL ESTATE
BUILDING 2, 1A HALE ST
BOTANY NSW 2019 AUSTRALIA

We pay CASH or C.O.D. for appropriate discounts. PLEASE ADVISE.

I hereby quote sales tax registration number 2-789 762.
For and on behalf of the Public Officer Paul Brian Milburn.

Kelly So
Signature of authorised person.

7/8/02
Date

 Peter Hogg

8th August 2002

QUOTE: No. 7725

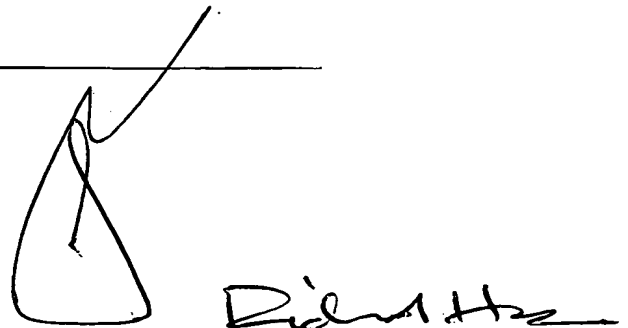
Breville
Private Bag 2000
BOTANY NSW 2019

Att: Mr. Keith Hensel
Fax: 02 9700 1289

DESCRIPTION	AMOUNT	
STEREOLITHOGRAPHY SS-collar, feedtube-seal, welding-bezel (clear lacquered) plastic-top (clear lacquered) = 4 parts in total	\$1,620	00
pulp-container3 – 1 off	\$1,540	00
Postage and Handling	\$80	00
DELIVERY* 6 Working Days		
PAYMENT 30 DAYS FROM DATE OF INVOICE		
G.S.T.	\$324	00
TOTAL	\$3,564	00

* Note: This delivery time is an estimate based upon current workload.
Should you accept this quotation we will supply an accurate delivery
schedule upon receipt of your files and a purchase order.

François Primon _____



Keith Hensel

From: Keith Hensel
Sent: Friday, August 09, 2002 10:36 AM
To: 'Solid Concepts'
Subject: RE: Parts for quotation

Sharleen,

Nice to hear from you again!

Please go ahead with job 7725 as quoted.
I will fax an order through shortly, Breville Order no 24208.

All part files are the same except for a minor modification to the pulp container.
The updated stl file is attached: pulp-container-4.

Note also, can I please have the SS-collar component clear lacquered as well.

We have a new design fax number: (02) 9384 9645, My direct phone number is (02) 9384 8137.

If at all possible can you try and expedite these parts?

Thanks and Regards

Keith

-----Original Message-----

From: Solid Concepts [<mailto:prototype@solid-concepts.com.au>]
Sent: Thursday, August 08, 2002 5:44 PM
To: Keith Hensel
Subject: Re: Parts for quotation

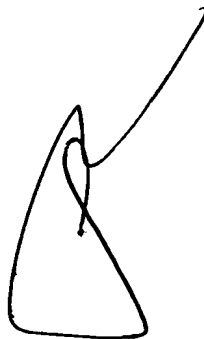
This email has been scanned by MAILsweeper.
You should now scan all attachments using your
desktop AV scanner.

Hi Keith,

Please find attached your quote.

Regards

Sharleen :o)

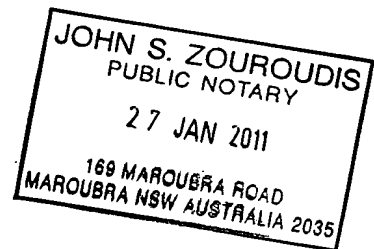


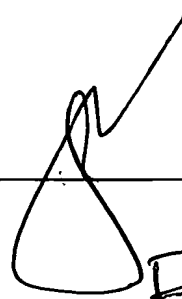
Keith Hensel

EXHIBIT RH-13

The attached is Exhibit "**RH-13**" referred to in Paragraph [038] of the Affidavit of **Richard Hoare**.

Richard Hoare



 *Richard Hoare*

Keith Hensel

From: Kevin Cohen [kevin@gomango.com]
 Sent: Monday, August 11, 2003 5:19 PM
 To: Keith Hensel
 Subject: RE: Juicer for testing

a blocked mess.
 a DISMISSED SAFE LID.
 (DO YOU HAVE DISMISSED)
 IN YOUR STORES??

This email has been scanned by MAILsweeper.
 You should now scan all attachments using your
 desktop AV scanner.

Hi Keith & Jack,

Herewith our yields from testing;

1st thing in the morning (all done on high speed on the Breville)

BREVILLE

Orange	332g	210ml	= 0.63ml per g
Apple	300g	275ml	= 0.92ml per g
Pineapple	328g	250ml	= 0.76ml per g
Watermelon	322g	250ml	= 0.78ml per g
Carrot	570g	305ml	= 0.54ml per g

NUTRIFASTER

Orange	328g	200ml	= 0.61ml per g
Apple	296g	225ml	= 0.76ml per g
Pineapple	340g	200ml	= 0.59ml per g
Watermelon	358g	330ml	= 0.92ml per g
Carrot	530g	180ml	= 0.34ml per g

Ok, so the final figures on each juicer for the 2nd afternoon, after it had been in operations all morning are as follows:

BREVILLE

Orange	316g	200ml	= 0.63ml per g
Apple	320g	225ml	= 0.70ml per g
Pineapple	290g	200ml	= 0.69ml per g
Watermelon	294g	225ml	= 0.77ml per g
Carrot	548g	260ml	= 0.47ml per g

NUTRIFASTER

Orange	258g	200ml	= 0.78ml per g
Apple	328g	210ml	= 0.64ml per g
Pineapple	284g	200ml	= 0.70ml per g
Watermelon	270g	210ml	= 0.78ml per g
Carrot	296g	95ml	= 0.32ml per g

Definitely worthwhile for apple and carrot. About on par for the softer ones although the Nutrifaster fared better for orange in this test. Note that we will not be using this machine for oranges though.

Very good on the whole. We are very happy with the performance. Not sure why it fairs worse for Watermelon, but is far better for Carrot and apple.

As discussed the other day, we will need 2 machines for a Sep 11 opening and another 2 for 1 October. Thereafter we have 2 to 4 more store opening October/November and need 2 for each.

All units need the "waste shoot" straight into the bin under. We may need these to be longer as we may raise the machines. somehow. I will give you the height of the jugs tomorrow

8/11/2003

Richard Allen

Juicer for testing

Page 2 of 2

Please advise what you can supply at this stage.

Regards
Kevin

-----Original Message-----

From: Keith Hensel [mailto:Keith.Hensel@breville.com.au]

Sent: Thursday, 17 July 2003 3:02 PM

To: kevin@gomango.com

Subject: Juicer for testing

Kevin,

Just a quick note to say I haven't forgotten about you! I am still in the process of organising a sample. My aim is to have one for you for a few days next week.

I'll call on Monday to confirm.

Best Regards

Keith

Principal Designer

Housewares International

Mobile +61 (0) 409 209 774

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This footnote also confirms that this email message has been swept by MIMESweeper for the presence of computer viruses.

www.mimesweeper.com

8/11/2003

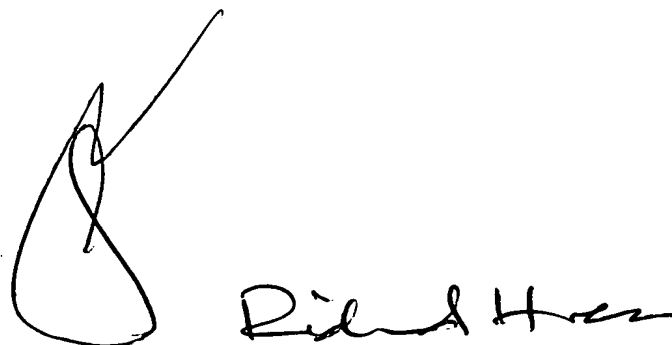
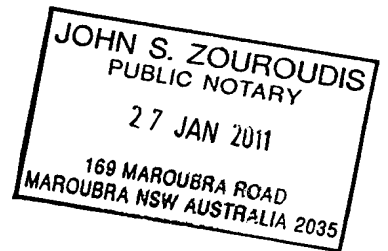


EXHIBIT RH-14

The attached is Exhibit "**RH-14**" referred to in Paragraph [040] of the Affidavit of **Richard Hoare**.

Richard Hoare

[Signature]



[Signature]

Richard Hoare

800JE Units located in JUICE BARS

updated January 19, 2004

FRESH BAR				latest sample provided
Susan 0411 430 320	SITE 1	Centrepont Arcade	Juicer 1 Juicer 2	Bought from DJs over Xmas break Unit from stock given 5 Jan 2004

SEJUICED				latest sample provided
Andy 0412 404 551	SITE 1	George St	Juicer 1	Unit supplied October 30
	SITE 2	Bondi Pavillon	Juicer 1	Juicer provided on Nov 14, returned on Jan 6, 2004 New unit from stock given to Andy Wed 31 Dec 2004
	SPARE			Juicer from stock supplied for demos and back-up by Vanessa/Melissa Tuesday Jan 20, 2004

GO-MAN-GO				latest sample provided
<i>KETH.</i> Kevin Cohen:- director 0404 878 610 Jeff Fisher:- Operations Manager 0407 727 527	SITE 1	Gosford	Juicer 1 Juicer 2	**Note all units to Go-Man-Go have proto throughbench tubes and silicone spout nozzles 2 Units supplied approx Sept 15 (Pilot Production)
	SITE 2	Darling Harbour	Juicer 1 Juicer 2	2 Units supplied approx Oct 20 (Pilot Production)
	SITE 3	Miranda	Juicer 1 Juicer 2	2 Units supplied approx Dec 08 (Production)
	SITE 4	Melbourne	Juicer 1 Juicer 2	2 Units supplied approx Dec 08 (Production)
	SITE 5	King St	Juicer 1 Juicer 2	Upcoming 2 Units required late January
	SITE 6	Ackland St Melbourne	Juicer 1 Juicer 2	2 Units required early Feb
	SITE 7	Bondi Junction	Juicer 1 Juicer 2	2 Units required late Feb
	SITE 8	Northland Melbourne	Juicer 1 Juicer 2	2 Units required early March
	SITE 9	Macquarie Sydney	Juicer 1 Juicer 2	2 Units required April
	SITE 10	MLC centre Sydney	Juicer 1 Juicer 2	2 Units required April

JUICED				
Richard Griffiths 0413 671414		Cnr Hunter & Castlereagh		Has requested 2 units for early Feb

NZ Natural				
Rael Pollnik 0414 363 129		North Sydney		A unit for assessment will be sent to them late January

Bathers Pavillon				
Serge c/o Steve Mac		Balmoral		We plan to give them a unit late January

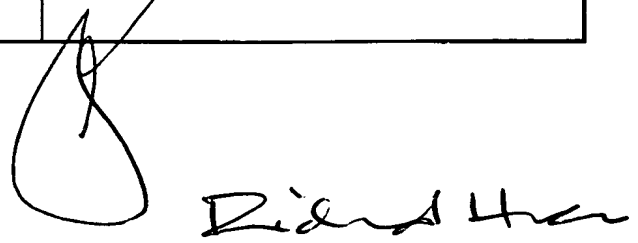
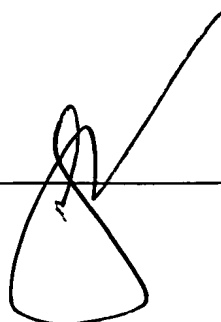
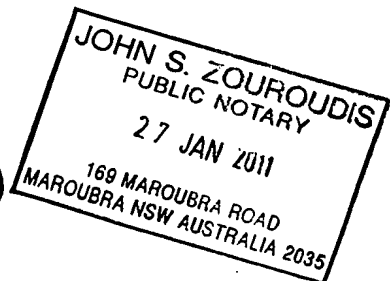


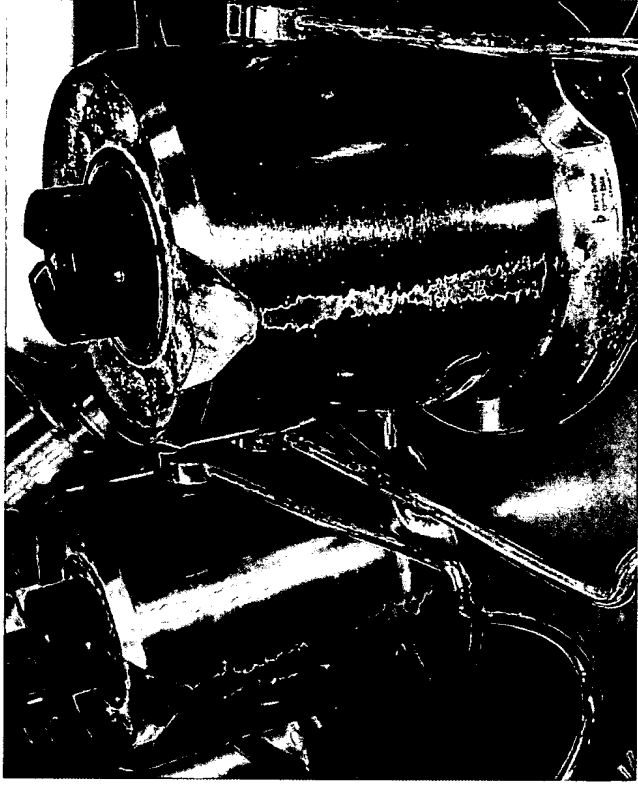
EXHIBIT RH-15

The attached is Exhibit "**RH-15**" referred to in Paragraph [041] of the Affidavit of **Richard Hoare**.

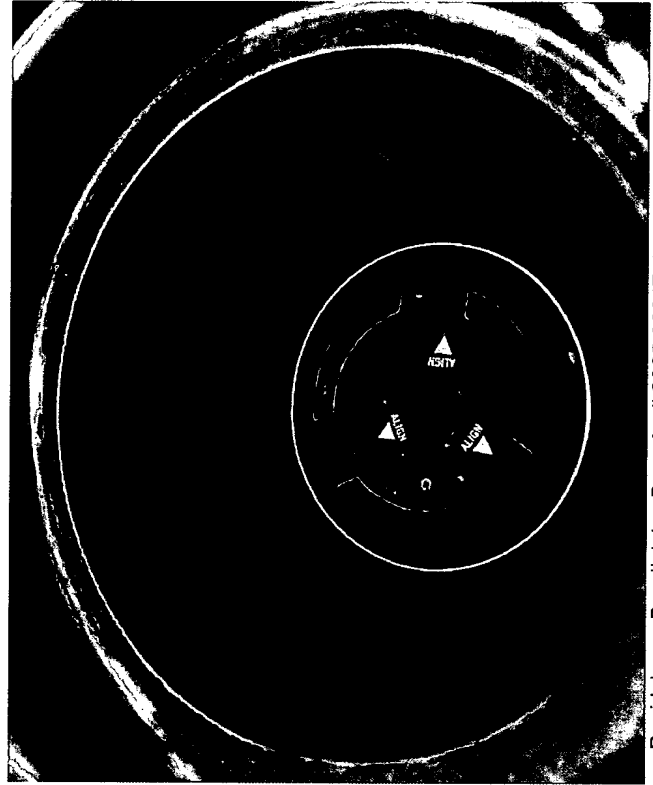
Richard Hoare



Richard Hoare



David Jones Bondi Juice Bar - April 2005 800JE_corrosion_1_2



David Jones Bondi Juice Bar - April 2005 800JE_juice collector build up



David Jones Bondi Juice Bar April 2005_800JEs



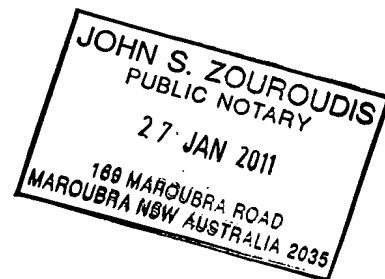

David Jones Bondi Juice Bar - April 2005 800JE_corrosion_1_3

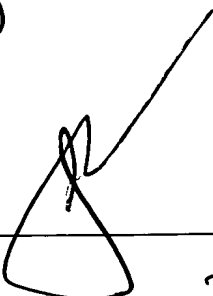
Richard

EXHIBIT RH-16

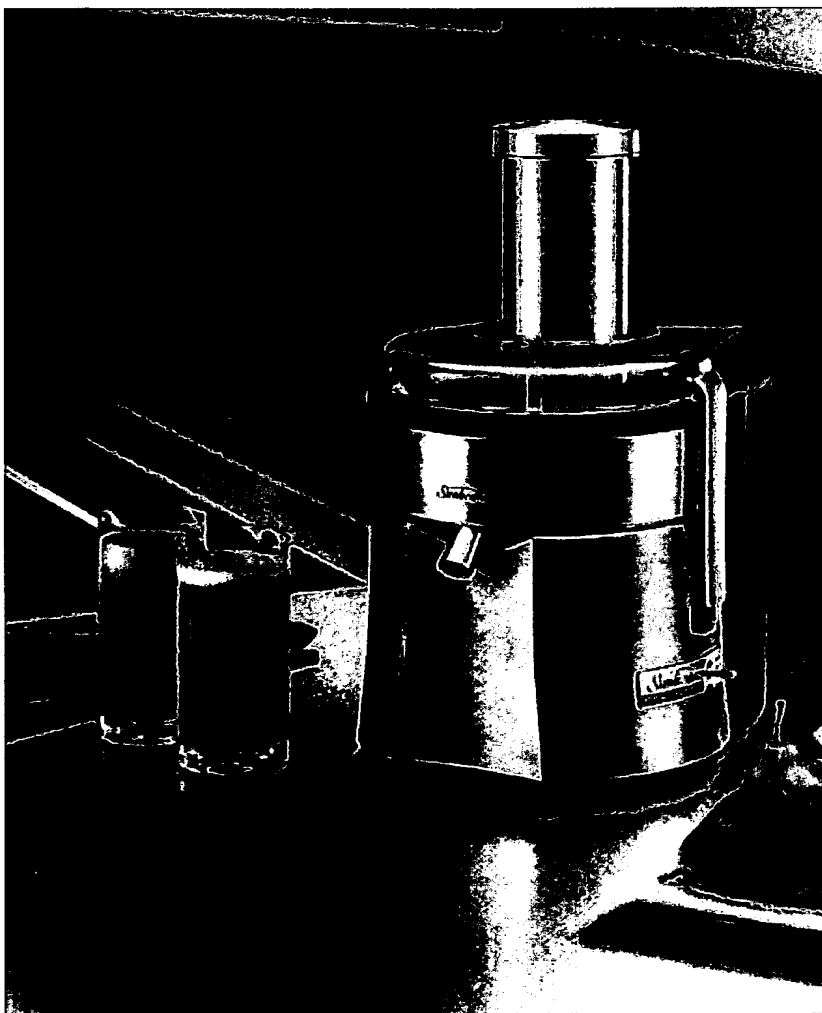
The attached is Exhibit "**RH-16**" referred to in Paragraph [043] of the Affidavit of **Richard Hoare**.

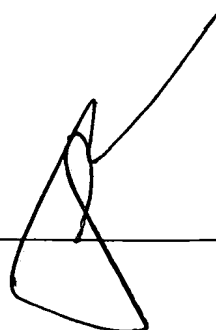
Richard Hoare





Richard Hoare

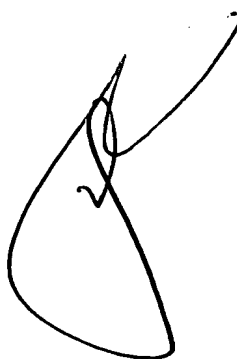




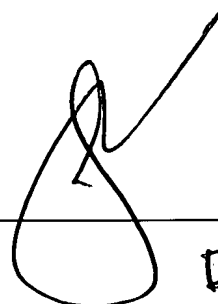
Did not hear

EXHIBIT RH-17

The attached is Exhibit "**RH-17**" referred to in Paragraph [044] of the Affidavit of **Richard Hoare**.

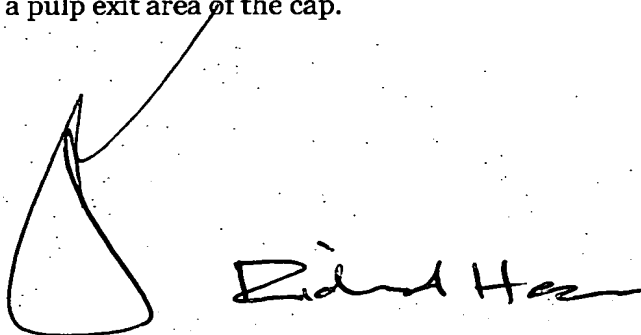
Richard Hoare 



 *Richard Hoare*

What is claimed is:

1. A lid for an electric juicing device, the lid comprising:
5 a polymeric cap in which is formed an opening;
the opening accommodating and having attached to it, a metal feed tube.
2. The lid of claim 1, wherein:
an interior of the feed tube has attached to it a metal knife.
- 10 3. The lid of claim 1, wherein:
the feed tube has a circumferential flange that is affixed to the cap.
4. The lid of claim 3, wherein:
15 a gasket is interposed between the flange and the cap.
5. The lid of claim 4, wherein:
the gasket further comprises a neck and a surrounding ring, the neck sealing
between the feed tube and a vertical rim of the cap.
- 20 6. The lid of claim 3, wherein:
fasteners extend through the flange into a retaining ring which is located
adjacent to an under side of the cap.
- 25 7. The lid of claim 6, wherein:
fasteners extend through the flange and the gasket and cap into a retaining
ring which is located adjacent to an under side of the cap.
8. The lid of claim 1, wherein:
30 the cap has an undersurface that forms a smooth and continuous surface that
extends from above a juice collection area to a pulp exit area of the cap.



9. The lid of any one of claims 1-8, wherein:

the cap has a descending rim that cooperates with a juice stopping rim of a juice collector;

an angle between an outer surface of the descending rim and an inner surface of the juice stopping rim creating a tapered gap that is most narrow at the bottom.

10. The lid of claim 9, wherein:

a space between the juice stopping rim and the descending rim of the cap further defines a gap.

11. The lid of claim 10, wherein:

the gap is tapered.

12. The lid of either of claims 11 or 12, wherein:

a second gap is formed between a descending lip portion of the housing and a sidewall of the juice collector, the second gap adapted to accommodate a pulp collector so that the descending lip enters the pulp collector.

13. The lid of claim 12, wherein:

the pulp collector has a generally "D" shaped cross section, the pulp collector conforming to an exterior surface of the housing.

14. The lid of any one of claims 10-13, wherein:

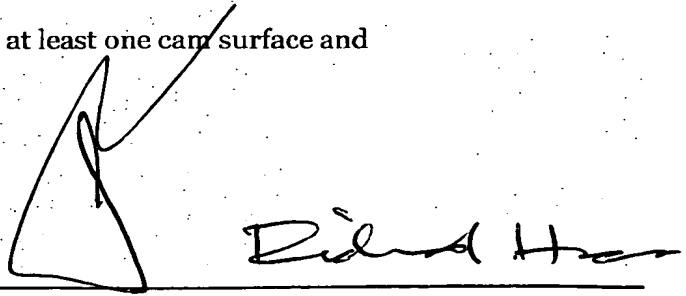
the gap is narrow at a bottom of the gap and wider at a top of the gap.

15. The lid of any one of claims 10-14, wherein:

the upper extent of the gap is further defined by a horizontal rim formed in the cap.

16. The lid of any one of claims 1-16, wherein:

an upper surface of the cap further comprises at least one cam surface and detent for receiving a locking bar.



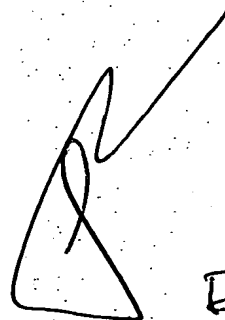
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17. The lid of any one of claims 1-16, wherein:

the cap has an undersurface that forms a smooth and continuous surface that extends from above a juice collection area to a pulp exit area of the cap.

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Richard H. H. H.